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AMAZING STORIES

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Our Cover

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Cover Illustration by MOREY

January 20, 1931

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"Science___Scientifiction___Science" By F. B. Eason

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We do not hnow an yet what the future holds in some for n. But we do hnow the wr have to plan the double any emergency which may rate. We are shift that we are appreciating nonzine for ago. We are midd that our stores of cosl and od are disproaching. What would be the results if an ice disproaching. What would be the results if an ice there to get middenly eman upon an? Now is the ment to get middenly more up the scientifies, who are more disproaching.

I have just "memory a heren from Way Log of the former Works for Ramoutiding (Space Sur Tracel Security of Berlin, who mored in parti-We are too karp to publish herein, so there memory differentiation of the security of the security of the security of the factor of the security of the security for a security of the security of the factor of the security of the security part is what here now as an employment of the security part is what here now as an employment of the security of the shall here now as an employment of the security of the shall be now be as a security of the security

PRIZE WINNER

F. B EASER 400 Jefferson Avenue East Poist, Georgia (See mare 144)

The Next Issue of the Quarterly Will Be on the Newsstands April 20th



The Birth New

By Miles J. Breuer, M.D. and Jack Williamson

CHAPTER I

The New Frontier



DW, in the last year of the twenty-fourth century, I am setting out to devote the faul years of a lang and active life to the writing of a margative of my small part in the listoric period just closing, which was per-

lange the most important in human history. During up Mieline, the human celenies on the meen have grown from weak, antitured cities to the poverful and propercess Langer Corporation. It was in the middt of the terrible strengths in which the autoency of that ourpostion may want; and it is may purpose to workle what I now of that greatest of wars as simply and justify as I can.

ify story must begin with my father.

He was here in Pithshergh in the year 2276. Even at that thus, now over a compary past, the United States of America, in common with the other political expanations that once had ruled the wordh, had cossed to have any real power over the people within its ancient boundaries. Pithshergh was a strenghold of the Methal Corporation, one of the most powerful of the half-deam have izents that new real of the wordh.

It men typical of my failur that he should dotbe to imprate to the collision on the moon. His preserving spirit rathed at the complex, well-ordered life of the hald sperit much of his youth reasting the earth in your of an outle for this realisst careful of spirit. For two one of the methoderics and more that the interment efficient earth.

• Nother was not the man to shut binned! up hack of a deck in a limit given sage for eight barrs of very inc, to provide binned? with a golden fringe to his tunis and take his wife out to funktorable gatherings, where they would chatter of the latest ringet shows and bet on the residt prace, rounder a weeking much in for"Only some twenty-odd of Van Thoren's globes came out."

of a Republic

IN these days of standardized comforts and minimized dangers in living and traveling, we find ourselves-those of us, at least, who have a hankering for the unusual-trying to dig out stories of the old colony days, or, more recently, of the frontier days of the Golden West, in order to add a little romance and adneuture in this work-a-day world. But each pleasure must, at best, diminish in intensity as the stories become more familiar and anecdoles are repeated. And even if the thrill of new adventure must remain vicarious for an uncertain length of time, tales of pioneering on different planets or other bodies entirely separated from the earth, with its absolutely strange and necessarily conjectural dangers and difficulties, if presented realistically and with plausibility, must be absorbing indeed. A yarn by either of these authors would fromice much. The combination of Breuer and Williamson leaves little to be desired.

tune at cards and dance themselves ragged to blaring jam, to go home tipsy with "2,200 port." My parents were not that kind of people at all.

It is natural that they thought of emigration to the more.

Three was a new world waiting. These, beyond a governe of a million miles of gaps. In they placester had optical by a new frentier, two contains after the hast fronter had valuable of earth. Life was adough iterand hard. Hen ware free form correction and actiically actually. They lived class to nature. They fought for what the zero taken, depending upon ther hands instead of data parters. On the acad's analities are not wide for non-wide institution and indepention of the matching. In the recome new we produce the of the matching. The thermost means are non-



mere cog in the vast, clumsy wheelt of rociety. When he had fought for a home and had won it, he could facil that it was train his own.

"Fider was a trained engineer as well as a childed worknam with hands. He was employed in the grant internations of the Mathil Corperation in Princally see different terms of the princips were of earth, hence the set of the princips were of earth, hence for an input different terms of the princips were of earth, hence the set of the princips were of earth, hence for a satury field work of the princips were for a satury field work of the set of the earth of the satury field work of the set of the set of the satury field work of the set of the saturget hand in the set of the set of the set of the saturget mathing the satury field work of the set of the satury field work of the set of the set of the satury is princips."

I renearlier a fair, parsparse, red-fased genthman, mend Kading, who was avered limes at our renormlimat he was laterented in same fantatik acheme for rangeling drags from limit by submachen and washed may have been he ind an empirical statistical statistic targe bases he ind an empirical statistic in Filtstory have been he ind an empirical statistic in Filtstory have been he ind an empirical statistic in the statitory have been he ind an empirical statistic in the statitory bases of the statistic in the plan, in the face of were the start statistic wave have been telling.

He recence incredulus when he head that we were to enforce to the mean. Young as I was—then handly from—I remember sitting and heading up of the groun fullow as he sat twisting the blazing rings on his fast fingers and expressed his opinions of such an advecture.

¹⁷John, you mean to tell me you're gold' to three over your job for a feel thing like that. The mean's just a deart—you've seen the mavies of it, af course, lot as hall in the day and freeze the air at night. Will meantains, full of the damoed Scientize, leaking for a chance to kill and eat res.

"No confident of the more than both on a plansure-painon on the whole dammed planet. Tourise not even your own heas. Blay have and you may get to be a director of the corporation. On the more you can't term around without a confounded Cohmial Serving of the corportion to give you have.

"But go shead, for all of me. 171 wager Mrs. Advance can find satther man." He granned at my mether, who was atting, primity compound in a reaking char; then suddenly larst ast into an uprearison length as if he considered that a 50k.

Father add nothing. Kisking pulled out a huge black olgar, it it and paffed out a cloud of chaking blue smoke before he went on.

"And think of the voyage. I wouldn't make it for a case of Bourboal. Not not Cold, cramped little rooms, proceepers crammed in like machines. Keep you had suffoothed. And the space-sickness-tens in a dusce, dise, you know. The company doesn't give a damn, furt so they zet the passage memory.

"You have Coriton—the Communications With View-Provident—the Mad the field likes of the like an eventtion meteric at an effective of the state of the medices of a different field like of the state of the medices as collection tray to Ceice and came heak with his lange worked. And Built—he has a local a Colondi Steerlary on the mean field fourteen years—he was contage from the mean field." Solving transmith his fat future.

My father straightened. "I know all about that," he raid in his low, courteens vales. "But nearly two million people have gone to the moon and made a go of things there."

"Yeah! A hell of a 'go'! You've get to get out in

the hills with the weld more calves and work like the devil for half what you'd get in an effec right here. Out in the craters all day, living or a lattle causad real and measing in the sum-then racing back to one of the halds hills them to keep from freezing in those endlies mights. John, you better think that propertion over again---"

"That's nettled, Kieling," father said briefly. "I'm having nothing whatever to do with it, no matter how safe your lawyers pay it is."

"Damment, John, I hope Boas Varney gets you-or I would if it waren't for your wife."

THEN the conversation turned to Variey and these other famous pirates of space. Takes of them always exchanged and they were blocky and disperse man, no double. But the peril and romane of their calling cast a peculiar law upon it, and i think most hoyr of the time dreamed of the day when they might run away to space.

There we perform the spin star of the data and the spin star of the spin

Excitingly remarks about readitions on the space fitters that sum justification. They might have been better, but the Metals Comparation maintained a monophy and time with the mean and its wavelage of the starlard start of the start of the start of the start ingo-share. The construction and operation of space filters surve expensive, and the ships were created with construct examplicity. The limit of the limit is the start construct associated the efficient of the limit in the start construct associated the efficient of the limit in the start of the start of the limit of the limit in the start of the limit in the start output associated the efficient of the limit in the start of the start of the start of the limit in the start of the

As the fellow had aski, metosciles were dragerous, buring the hendred and fifty rurns of communitation with the mesor a through ships had best duringed by of these responses of the shift of the shift of the metoscile and the shift of the shift of the shift of the hendred shift of the shift of the shift of the hendred shift of the shift of the shift of the hendred shift of the shift of the shift of the hendred shift of the shift of the shift of the hendred shift of the shift of the shift of the hendred shift of the shift

Even when the emiproral had been handed in one of the three years tiltes on the mough synchronized the far from over. There were the pain and hardfully of its physiological thangun measury to fit one for the lighter air and leaser growtry of the satisfield. Long days in bod in a compression (camber, with the air days in the din a compression (camber, with the air days in the din a compression (camber, with the air days in the din a compression of the mough works as the instal because accounted to be one pressure of gravier.

When Color reached the most there had been only a trace of air detectable. Since the mass of the satellite is only about one-dephileth that of the Earth and its diameter about one-fourth, the force of gravity at H5 surface is only about see-shith of the terrativity value. Owing to thist, the velocity of except for the mean is only about one and one-half multi-per second, as compared to overan milles for the carth. Consequently the satchilto had bet most of her air in ages part; the kikelic theory demonstrates that molecules of air years attain the velocity of seven milles per second required to carry them free of the earth's pail.

Gelon and the other andy explorers had relied on attpressorse turk, with beating pain and avgreen behavior; and the first mining operations had been in sharing and shringht dimes, in which could be maintaned a normal atmosphere of artificial air. But as the mining infolusive literased, sain methods were herefly autofactory, and the officials of Metals sought for somehung better.

Correspondent of the first tasks and using management. Correspondent of the first tasks and the second of the second of arrhited an anomposite. The static relation of the second of the

Gardigan, also developed an efficient process for the yortholis of while from Appropria and arguers, its provide the requilitie humblity for his new simulation. Its press photos were help training a quarter of a contary hefers a sufficient astronghere had been peychied, and even now the artificial humblity freemas in the ten weeks of the inner night, through men go alread during the long day, twenthing comformation.

Here after the enzyment became accastened to the new conditions of gravitation and barrowitch generator, there was a pioneer's rough life to face in the minas or the crister farms. One must start at the beginning, with an iron will to barr the ways of a new pinnet and fit himself to them. There was no place for the coward or the shirker.

Discontretts and perits wave many. During the two weeks of the human day, the unsulfy is maximaly hot and kindingly bright. One swelters in white gashour and the second derivations, the extention were shall up in their second derivations, the extention were shall up in the second derivations, the extention were shall up in the second derivation of the second second second second second derivations.

Outhway was fourthing. Ramits had bisides retracts in the wild imag denotes, susquiers of space washing matched their wits against these of the commaskers of the Metals warrhips plantas of space.-Bis Varsay--relied for their Hvilhand upon their during all their skill in the use of indee distinctives takes.

The Goldman were another peril. Thus native inhabitation of the moon were intelligent, average beings, whose budding collization had been rathlenedly erathed by the first adventageres on the moon. The more highly critical and better-natived trilles had been worked in death in the mines. These that had except shows reasoning were. for the mast wark isolocithistic beings, reasoning the latar creaters and describ beyond the onlying burnan actilements, sometimes descending in bloody rade upon the minors and farmers, mesoaring whole settlements. There was constant bitter warfare between the actilers and these earyage tribes of Sakatize.

Such was life on the moon, as it appeared to the friends and associates of my fighter. His supprive mithe laboratories tailed to him of his plans, outlined these dualwartages, and offered him a better position and higher pay immediately, if be would remain.

THERE were other things to thisk of. Mither was a slight, frail worms, for all the iros alternath of spirit that shows in hor deep blue even. She was willing enough to the life on the new planct, but factor was afraid that the handslips of it would be without the thosend lexuries that a mechanical civilization had given the world, until they meaned necessities.

The shiften wave considered. I was five years old; my older noter, Yakuce, was tostie; and there was a halv girk, liftle Fry, and two. Our parents forced that we would not narrive the hardwidths of the worage. And if we did, what of our education, our future? As we grow up, would we be willing to go without the opportunities of earth, to be proneers?

Further and mother tabled to us of their plans, though of course I was no young to take much part in the information. The matter of emigration was under consideration for some time, and I billeve an advertiser of are some and a read date it of a with the final downlose.

Tail a BHG schlegere flor that tahrr hold given or the Christians lefters. In propellers were operated, Table, from a compact storage battery. The trust, and one dig I first in property operations of instruction of the start of the storage operation of operating and the start of the storage operation of all starts. And the little machine had a starty drive that was supposed to string if down store is fight of two senses, bet Table starts and storage in the start of all weaks. And the little machine had a starty drive that was supposed to string if down stores in fight of two senses, bet Table starts and the start of the start of stores and the start of the start of the start of stores and the start of the start of the start of stores. Bet the start of the start of the start of stores and starts and stores and the start of the start of stores. The start of the start of the start of the start stores and start of the start of the start of the start stores and start of the start of the start of the start of stores. The start of the start of the start of the start of stores and start of the start of the start of the start of start of the start of the start of the start of the start of start of the start of the start of the start of the start of start of the start of start of the start of start of the start of start of the start of start of the start of

With the args for advanture strong in me, I few out this the hills for a score of million or a, biever the lattery ran down. Even at this period modern methods of communications and the Zaner processes for the artifield manufacture of erasis carbolicylinities, preterms, and first, had largely ended this day of forming, new, the population was cancertrated in the cities, rand the construction was a largely and descript wave.

I dis not remember all the details of the incident, but it was use days herefore fabtar frame and an array marky. It was usumers. Their faund a briar patch, and mote server musics on histokererice. Ny homferedief was himg up on a pole to push the searchers I respected. When fabbar came. Thad just managed, after a cross of framess attempts, to still a estimation which with a rock. I was informationally public here used on the base marks and the searchest of the searchest that margins used and a setting of the searchest that margins used and a setting of the searchest that margins used and a setting. I was taken hunce, mandel, and criste was for any nutries.

I believe that incident, with its display of relfreliance and hardbood, is what determined my further to undertake the emigration. At any raids, the actt thing I knew, it was agreed that we were to startmuch to my delight.

I remember a trip out to the great spans-port, with molder. I can still see the great landing platforms be fore the hangars, with the crailes on their tracks in fract of them. With childlish expertees, I looked for ward to the time, when one of these great silver globes would earry me into the mystery of the sky.

It was acreated that we should emigrate to the moon. But bridge we get off, a very serious difficulty areaoa difficulty connected with the complex and highly artificial social organismition of the week, with the relations of the great corporations that ruled the carrily. Not only were our plans disarranged, but father very nearly lost his Ric.

CHAPTER II

A Lecture on Lunar History

O NE evening, when he same home from the jahoratory, father called Valence and ms to him, and took brown-haired little Fay on his knee.

"I have a new record for the magnetic photograph." he raid, slipping a little spool of this steel wice out of its case. "It tells about the more, who found it, and how more are able to live there. Do you want to hear about the world we are going to in the big space files, labout 2³.

"Yes, Father. I'll try hard to understand."

Valence ran to get the little instrument, and adjust the speed in place. She presend the awitsh, and set it on the table. A few hers of owith masic cause from the displorage, and then the snave value of the sansuper:

"An address on the history of the more, overing ovents from the first attempts at Interplanetary mavigation to the present time, delivered by Professor Avery Smithter, of the Pan-American University."

A moment later the professor's words began, in a rich, Bredy voice, well in harmony with the mysiorium appeal of his subject. I bistoned in rays attantion, is learn more of the wunderful work! to which we were going.

"Training the relief of parts has always been so of the parts dreams of man. Is the parts of existing the parts of second man. Is the parts of the second parts of the second parts of the parts of the parts of the descendent parts of the the parts of the parts of the parts of the parts of the the parts of the parts of the parts of the parts of the the parts of the parts of the parts of the parts of the the parts of the parts of the parts of the parts of the the parts of the parts of the parts of the parts of the the parts of the part

"These nevels must have been a great spur to invectors working on the problems of space navigation.

"It was hat in 1980 that Bench and Ood much the great discovery that ind to the building of the fact space ship. Scientifics had how had that the atoms of other heavy models might be caused to heaving will be realized atom. The marking available limities sources of opport. These two great physicals, working a order from that a blood of therium, alloyed with small quantities at correction of the element, and its marking quantities of correction of the element, and its marking quantities of a strength of the element of the element order relations of a frequency sub-platible above that of the Chanic Zav wise travel sour is.

"Within a short time, intra-atomic energy had replaced the old sterm and internal combustion expines, and even the wind and they power plants. These years inter, these scientists succeeded in heading down the stores of platinum, conduct, and iridium. Then, indeed, man was rules of his world. "Ordinarily, power is drawn from the stonic expires to the form of heat's bad, in the senter of 1994, Orief, continuing his work, discovered that exciting along of something his work, discovered that exciting along of insteme the mg in much a measure as to have of all atomic particular at almost the speed of light. The sight mg of relian excitations of the same could, but workly more powerful.

The discovery resulted in a laboratory estactyma. The dawy stream of a long, huenting out of the table, densitiable the laboratory well, while its resettion against the block of matal worked the apgenetize. Orloff was zerioauly injured, his left aren having here out of by the block. He died a few months later, but not and like hand revealed to his colleague the conditions of the arguerized.

"Butth, thes a young men, seems to have turned his statistics to fitsential affirits. It was not utill 2005, statistics and the statistical affirits. It was not utill 2005, bing the standards, the first underweak to proph would be the rescent on the Orivit atomic holds. He would be the rescent of the Orivit atomic holds. If some a rescent at the Orivit of the statistic prosented atomic the origin of the origin atomic holds and statistical the old must lived to see his ships repetative regard in two differential the origin atomic prosented atomic theorem of the origin atomic prosented atomic theorem of the origin atomic prosented atomic theorem of the origin atomic prorespondent to considered atomic atomic atomic prosented atomic theorem of the origin atomic prorespondent to considered atomic atom

The sense to have beene informated with the postabilities of schedulers by two it goods to the orienter schedulers and schedulers of the schedulers of the all rememon 1 here mentioned. Two prejection, core of the schedulers of the schedulers are been as the means the schedulers of the schedulers of the scheduler datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these, acability on the datasets restricted by one of these schedulers and the in first interval. The scheduler of the schedulers are the scheduler of the lower."

"I read shout him in our history class?" Vslenzs in-

"It seems to have been about the year 2140 that a young mas of unavertain anticipatiby again brought interations margination before the world as a testions prosibility. That man was an able and uniting scientist, a heritistic counter, and perhaps the gravitation septemor thistopy. His name is as well known that I need heritig received.

"The mother tail me all about Jean Colon!" I cried. "The mother tail me all about Jean Colon!" I cried. "It book all the gentia of the man to win support for his grows like. It was only a result of a quarter contury of tireless lakes, in the face of constant ridicale and discouragement, that the Metals Corporation, in 2126, advanced funds to Colon with which to construct a space file.

"STX years here, in 2130, he kft San Diego, California, with three small remote the largest of them only fifty feet in diameter. He had found less fann a hundred men who were willing to undertake the great adventure with him-scal most of these were rather lakawarm in their estimations.

"These Bitle ships, however, were far in advance of the steel cylinder of Smith. They were globular in schape, like the modern commercial vanish, built of claminum sileys, and polished mirror-like, to retain the heat, so that they looked like huge spheres of silter. A great wheel, indic, carried the slowping and retaing correteries winds, results the slowping and retaing correpariments inside its rim, being rotated at sufficient upon for centrifugal force to replace partially the pull of gravity. At one and of the axis of the grast wheel was the hridge-room, at the other, the hothery of atomic bast molecture.

"The departure was made at midinght. The Merson ture of the age is full of descriptions of the access. The zero had goes absend, and the alr-locks had been scalad dirt the heat farewells. As the heard rest mean, the fold about the cradies of the ships was descred of the next crevel that this guithered to writes the fast set of next crevel that this guithered to writes a the fast set of set of the ships of the ships was descred at the state of the ships of the ships of the full mean, strange and cill.

any time. "The propalar rays were turned on. Vast jets of intersor white fame lorur from homself, the galax, each observed ways believe that, could of homseless, weitdecoded ways believe that the second second barries burness barries by the realisative particles because humbers of freef. Vedical is accream of thirting searcher and green and amber free, the ailver glabes sthreed, lifted, that upward.

"On our gyst day, the sulling of a space flier is barefly so spectroular. That was hafore the modern refinements in the atomic blact, that have eliminated the secondary hast and light effects, with their vast loss of cancer.

"Is a few moments, the ships were out of sight, gone to mark an epoch in human history. For many minutes warse mists of chinner violet drifted about the field.

"Until radie communication was cut all by the Haaviido light, the world was in touch with Colon. In fact, the abigs were within takaicopic view for several hours, during which thus a few brief meanages were sent from the heliopringh on Color's thip.

"Then long weeks and months want by, and nothing was board from the explorers of space. In vain antronomers studied the face of the moon for any sign of human arrival.

"It was four months later that the world was electrified by that famous iscenic radiogram, "Space is conquered and the moon is own, Jean Colon,"

That meetings avoins America at mininght. It meant that Goins was had minic the Heavinghe Law. Within an hour the klassing attent biased on a spece fifter was table, over the great continuous plantifican of the Pool Ceptorsticia, and by down the weak it knew that Jean Colon, a here overnight, had landed tafely on the New Mexico denserts.

"Only one whip returned. One of the others had thread back, painter the orders of the interpolit admired. Grave and communitier must have paid for the same base with the hard lines, for so trace of the ship has ever base with the hard lines (for the same start) and the backward by metaseric collision. The other vecord, has back we would be including on the monos to be repaired, had have lifts as a set of fortens, in which a few of prevention.

"It was a strangs and rich earge that the single wast carried. There were hope masses of prince gold, and great augoos of the three heavy metalls that were new douby precision, since they were the source of the prover of the sarch. There was over a pound of radius, and a previnters of a thorsand mineral, some precises, and precision of a thorsand mineral, some precises, attice focus, and true. The moon, so shifted the unknowattice focus, and true.

2 robot mile or on earns, "The ship carried strains plants and strainer moving things from the moon. Colon invught proof that the anotant astronamer, Pickering, had been correct in interporting his observations as showing life in the centers of the moon. Some of the plants and the grobesne, insact-like creatures were still alive, but none survived terrestrial conditions for more than a few days.

"The weight part of the attenting anyo use a dock, mattern scenture from the monon-more of the Scientist, a manker of the ruling range of the mone, a burg as huge and so formiable that the acylerer had not attempted to bring it allers. But Gohn had meaned that a posite that aggregated sizes if it. It had a hung, fittury hady, with long, skadar large, fore runnesser. From a thead degraded size is first, bare to make the size of the old degraded size is first. It had a hung, fittury hady, with long, skadar large, for runnesser. From a thead degraded size is rules, bare particular to the size of the size of the size of the particular size of the size of the size of the size of the particular size of the size of the size of the size of the particular size of the size of the size of the size of the particular size of the size o

"A thing like what we saw in the muscum, when we went to see the horne," I havins in again. But the profuseer's lively account want on relentlessly.

The theorem that Cohn thold of Hose architers result have been been period of the Hose Arcs are based to preveal the theorem of the Hose Arcs are plants they remainly recardial. They measure that the theorem of the theorem of the theorem of the lants manufacture the theorem of the hose are the theorem of the hose are arcs are the second of the hose are arcs are also and the hose are also based, sever entropy and hose are hose and however, the second of the hose are also based on the hose are also are also and the hose are also and the cohole plants, based for hose a hose the hose or hose and the hose are also as the hose are also and the hose are also as the hose of the hose are also as a second of the hose are also as the hose are also as a second of the hose are also as the hose and hose as a second of the hose are also as the hose of the hose are also as a second of the hose are also as the hose of the hose are also as a second of the hose are also as

"These messeshing, ar biddings, and they cannot be studied, as the definition of the studies of the hyperbolic definition compared. But is excepted that is starge about the studies of the studies the studies of the studies of the studies of the studies the studies of the studies of the studies of the studies the studies of the studies of the studies of the studies the studies of the studies of the studies of the studies the studies of the studies of the studies of the studies the studies of the studies of the studies of the studies the studies of the stud

"The four lass, which support the dephasitize hedy, are oddy long, for jumping the wide revenues of the moot. The kays eyes, three in number and situated above the trank-like or elephanitise member, are remensionle for this size and for the complexitous green iris simplicage, which adapts them for vision both in the dark mayfind and in the Mindon light of day.

"COLON much strend may argues in the larger of shigh that were can halk by the cose, the extributed turbane of his mean was sequence, tericors was enriched with the scattales spectroms of minaral, fama and fams frem the mean. The markets of the world were fields with hang angular of previon ratio captured from the mass difficult trikes of Sokatta. The may resume that the Mitchin Corporation draw from the inner proposition studied it is three of the the inner inner more think of the three of the the inner inner proposition studied in the three of the the inner inner proposition studied in the three of the the inner inner proposition.

"What does it matter if morelists say that the conqueryers did wrong in destroying the most collured races of the more-salves, for the sake of a little precious methal? Corporations have sould no more than nations have them.

"A Moon Company, subsidiary to Metals Corporation,

was quickly organized. It ruled and exploited the morn as the British East India Company had governed and fattened upon India for two centuries after the annusice of Europan newsy.

To a down years after Colon's landing on the moon, space from laden with lands of advocturers had overrun all the activated fact. Two green rations of Salraites, possessing offerer that, according to record Tanarcheologith's had developed to a surprisingly high degree, had hern orequired, robbid, and enslaved in the mines.

"The most remotable, perpenditions are negatively been been perpendition of the second second

"Reverver, hunds of the fercoirus wild tribes, the Klartah and others, still ream the house descrip, semalitom deing a fifth warful work for the human prospectors and minors, who use them as beauts of hurden, but more often inducioned with the synthetic carbiciparises with which they are paid for their labors, they rea anxiet, carmiting rightful outstands."

"Oh. 1 rand as steer about that," Valence's sweet write ditted in. "The Ghy Related the Mome" A ship way wreated on the back of the mon. There was a have man numed Charift. He fought a ket of the wide mon-selves, and movel a gift named Lytis. He carried ber and run. The night was coming, and the moncalves were running include him. He came to a city of alter tweets, where noboby..."

But the phonographic locture went steadily on, and father held up his hand to mience her report on the wild remanon.

"--years wird by, the Moon Company brain the inportation of human labor. At first the tendency was to send only criminals and underivable generally. But a crimination because more complex, and the exprestions began to cornash more and more on the rights and privilayors of the individual, there were many who were willing to pay their own passage to the more, to win new freedem.

"Tisse hardy utilities found and worked new mines of their way, when the new lumar sharepister enabled them to live without space suits, trading the metal is the Meco Corresponder for found and applications in the second state of the state of the state of the state produce draws which common a high priors in the matching of earth. Manufacturing, thengh elicocraquit by the Medial Corporation, was unclusted by the Medial Corporation, was unclusted and and the state of earth. Manufacturing, thengh elicocraquit by the Medial Corporation, was unclusted and the state or and quantities of simple protection foods are manufaccommodition.

"The Moon Company, originally a small experision sobielizity to Metak, is now almost almosther in the hands of the inhalitants of the moon, since the banes cities, as well as the more prominent citizens of the room, have from time to time purchased kiecks of sheek, with a nowe to controllion all their even status.

"Metals has never made public the secret of Orloff and Smuffle shence bland, and the prejociting engines had never been placed or asky have the corporation makes tains a visrual monopoly or trade with the moco, and the divectors feel sure of their ability to control the settlarg, even while humoring them by latting them have the stock of the Moon Company.

"These are, however, many revew of pirates and manufaces, operating space liters, that had here totained by frend or captore, with which they control on a locarity singular trais, scarging from Meihl warmhigs, and sematimes exploring a vessel holes with procedue michs or equipment. The trais of piracy seems to have no particular discharge situation it, though totaired graves are claritycoid.

"At present, the population of the moun is nearly two and a half millicar, there are three great cills, Thresphilus, claim, and New Fasten, and accors of anallar astitumenta. The satellite represents an excilient market for terretizial manufactures ; aid the value of the metals and chemicals received from the moun is of incidentable value to the sarth's indicaty.

"Becauty there have been holds that the Inne propulation in becoming discognose but the other rule of the agent of Metals, and that there is dissultification with the priors and for the start of the tweat the two planch. It is hard to risking a start two has two planch. It is hard to risking a start two has two planch. It is hard to risking a start the start of the start of the start of the start has been deviated for so least from the two start.

The firstly, assumants vices storped abreptly, as the performs had wertical hits way us to a correct publical issue. A few hrite hars of music case from the illumether. Then a clear framely write hera to topole flowers are viable. "A protone of writer and a perspiberevange viable." A protone of writer and a perspific hermitian strain the settich, and the words storped in the middle of a sectore.

"On. I are it outside the window," I eried.

I printed my childish arm to the bright, motifed silver disk, fisating huge and mysterious above the trees in the park.

CHAPTER III

War Between Corporations

I was lake in the year 2006 that my fuller made his decision is emissive to the moon. He averaged fast passage on the years ship Versus, of two hundred fast diameter, which was to real in Auryat, 2007. Pether was moderability weathy. Thruch the rates of passage to the moon were rather high, his fecture was prest enough to pay our farm and layer finds for the parchase of a minimize proceed and machinery on the meen.

But, before the time for our departure, a serious diff-

The Transportation Corporation, or "Tranco," as 16 is more mendly turned, had long been jeabure of Metals over the space lines to the moon. Over a hundred years before, when the great trents had enable a century of warfare by the formation of the Union, it had here arened that Trance would have a monocoly of transportation on the earth. And Tranco had always chained that the operation of opacs filters to the moon, by Metals, was a violation of that ancest agreement. Blood had been abed over the matter a source of times; hat these Mutals had aver revealed the sacred of the atomic biest projector, its rival was helpless to build space frace of its own.

To present the situation clearly, I must outline briefly the dolline of publical government and the rise of the corporations.

The Largue of Nations had uscessfully prevents war enough two nations after the first half of the trantical century, and gradually the great stateding armite of the world were done away with. In the maximum, the power of the corporations was greating shadily, and privatily, not the oil political government grees the strength, with the oil political government grees the within an of the corporations had taken the places of policemen and taking.

By the time of the first successful voyage to the mone, the real power of pultical government was ended throughout the earth, although certain of the dd natinal organizations continue to exist in name, and stron of them, such as the Urilad States, cuert comiderable moral influence, even though devoid of any real authority.

Authority. For two enstaries great confusion existed under the control of the corporations. At times there were investigated to detroy the age of industry that had randed to a set of the there is a set of the set of the terrator ray (or the "D-of")-near others to the detroit of and Smith-mails way as territies destructive that at hat the corporations near it to findle obviations to maintain the near-

Bortly after 2004 a social of great margars resulted in the formation of a half down huge corporations, each controlling one economicity over the antites auth. Of these, the prestest was the Metals Corporation, which was already drawing waits revenues from the moun, though the Food, Flwer, and Transportations Corporations were formidable rivel.

The Food Corperention had ensue into generation of root of the forements index of the scetch. Notion chained the mining sections and the greet meanfacturing riths, remarked the scetch of the scetch of the scetch of peritors mathematical a voit army of grands to see that its project and inside rights were not eccendent space. Threads the scetch of the scetch of the scetch of the thread discussion.

Barly in 2007, months before the time set for our departure for the moon, officials of the Matals Corporation were much perturbed by a runner that the secret of the stamic blast projector had been rediscovered, and that the discoverer was disposing of the leng-kept secret to the Transportation Corporation.

10 Ref Discrete constructions of the second seco

Spice successible in reaching the island, and hrought back the prove that eight space filters were in course of construction there.

of construction every. When the prevs was made public, the greatest excitament reigned. Men wave logal to the corporations with a real hypity. Men lowed Metals or Transo with an effortion as deep as that which their answerses had had for England or America. Soldiers were willing to tight for their corporation not only for pay, but heating they halieved in it, loved it, heating their bence and their lives depended upon its defense.

By father was as patrickle as any man; at the first threat of war ha hastened to volunteer to enter the forest of Matak Corporation, even though it musat indefinite peedpoetmant of his plane for entirevisio.

I remain for very closely the day when he cause long, if a summal key in the difference, with sears is hild entered the sense in the difference of the difference of the entered the sense, that he had to go away that helf provided. For the held the carsing proton in the great held. For the held the carsing proton in the great held. For the held the difference held the original, and here they had the difference held for the sense of the sense of the difference of the did not understand with long difference of the did of the out held with the difference of the did not understand with long difference the sense of the sense.

The next day the great day was edding still, and a fast of spoor while fasteria like aliver kubiks in the situation of the spoor shows and a still be aliver the spatient in little groups and tabled, usually in tense unconsciously lowered, through sometimes there was abouting and hydrarial langther. Modils and Traneo were at each other's through, in a straight that had fixed up, almost overlight.

We have note of the fighting in Fittedraph. But there was much hard-shared coeffict, which haves your DWE share by each. New York, Ghratan, Janwer DWE share by each. New York, Ghratan, Janmark here aways by "Drays" from the space filter of the Meish Gregoriton, and by any of resultients, the share down of Transo deals considerable stances by department of Transo deals considerable stances by demetric of Transo deals considerable interact by the start of the start of space filters.

Before the end of the day, a treaty of passe had been concluded. Such a war was too deadly to has fee large without the ruin of the earth. Tranco was semplied to yield the victory, since the fouring island, with all the unfinished align upon it, had here destroyed by a fact of Mersick space filers.

The rediscoverer of the storale hlast, one Dr. Vardon, had perished as the island, it became known. It was and that he had a family, a wife and halv doughter, who had been left in Anorica. But no trace of them was found by agents of Metals.

Tranco had to acknowledge defeat, since it seemed that everyone to whom Varden had revealed his discovery had died with him.

It was served work before we have from up fubbre. Worker was how how the mast acute acutely under the four that has had here hilled, but hereic works that he was, she alt Valenas acu as how or outing of it. It was left withing of the that she toil an of the here of her days with waiting, of the drasm of her realmen nights. To us the was always any and smilling, with its resents that facher would some have.

At last the heard that he was on a buryfold island off Bornes, convisioning from the effects of exposure to the D-ray. This ray, heyond its desaily range, preduces severa herro, resembling these of the X-ray or of radium, coupled with temporary billedness and a curious nervous disorder.

Father was santig the hundreds of wonted men ploked up from the cave of a space fiber that had been next down in the last attack on the fortifield footing inland. His weases had carried on after the side of it had been cut away by the disintegrater rays, and here the first to beenk through the arcsar-or defines.

Picked up with his dead and wounded fellows from

"The two-kundred-foot globe struck the cradle, which swung down as the tower folded into its foundation."

the floating weak of the ship, he had Jain for many days uncreasing and minimitial. At lath had come in, an the haspital idend, and had bees shie for give his same. He was immediately put in theyhone commenication with any mother, and we benefits dear voice coming over the wires. All the time routher had had and that he was well—I wendered why abs insight

There were more long wooks of waiting, before he was shis to have the island. Mother thought of going to be with him, but he would hear nothing of it, invisting that she size with as children.

I remember very well the day he came back, a tail, tim young man, his face strangely drown and painfurrowed, not asseed and tanned as it had been. But will be could laugh. He breazh me a wonderful toy he had found astemwhere in the shops of the East; and his roturn was a schendb helder.

It was several months before he was able to be up

very such-his convalencence was alarmingly slow. As the time for the sailing of the Venue draw near, his gality grew more forced, and even a child as I was, I realized that something was the matter.

But still my payents let me have the pleasure of packing and repecking my lays, for the trip to the monn. They did not buil me that the greathest specializes of the day were duiltiti if father's encylete reservery, that they thraght he would server he able to stand the hardships of the long voyage to the statistics.

One takentid evening, he came down from the handing platforms with a triumphant really on this thread face. He told rocher of an examination by a great radiotherapathiet, who had given him a new treatment, and promised complete receivery. He might even be able to start on the Yeane, as we had alaened.

We follow the start and the second second

We left the Bittle hars room, that holded as dramage with the faultities intervent, that holded as dramage acauted to the heading ratiofroms. From there we work by only the start of the start of the space align. The start of the start of the start of the space align. The start of the start of the start of the start of the like whitese of machines and hum of human stress. Its federates have white the right neutral lipst's and the start of the start of the start of the start of the start and starked with the vacion ratio the start strenging in an intervent of the start of the start strenging in an intervent of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start of the start strenging in an start of the start strenging in an start strenging in an start start start start strenging in an start strenging in an start start start start start start strenging in an an start start start start start start start strenging in an start s

Father thread our tickets at the gale, and as we went threads I remember wavering about why we don't energy our begapse along with as. We walked out on the wast, high-walked field, with the calenal, which ships contared over it like titanle halls of pelished allow.

A fragment way just canning in from the mean $\tau_{\rm m}$ for the strength of the fragment $\tau_{\rm m}$ the large strength st

It takes a shifting pitch indeed, to being a space disc down on the ground, or on the rocky surface of the moon, without a wreek. But there is no eclass of mon, the pirstes and surgegions of the space-lange, who, because they never have the use of elaborate landing towers, are parfores expects at it.

Now the eradle, on its great rollers, was moved off the platform, which had cunk level with the field, carrying the slower ship to the warchouses at the edge of the wife enclosure. And another crafte, with a wast argent sphere tong it, was moved to the shaftnee ison

"That is the Vesso," father said. "That is the ship that will carry us to the moon."

CHAPTER IV

The Voyage to the Moon

O DELY security, through it was all the most that the appearance at my only the 1.1 have no data the particular of the security of the security of the two patients. The security of the security of the all the have of the stope which would up it is the erroration of the have of the stope which would up it is the erroration of the have of the stope which would up it is the error merger and platter with two of rivel have, of a stope or error and platter with two of rivel have, of and the stope of the stope of the stope of the security of the stope of the stope of the stope of the stope of the the stope of the stope of the stope of the stope of the the stope of the stope of the stope of the stope of the the stope of the stope of the stope of the stope of the the stope of the stope of the stope of the stope of the the stope of the stope of the stope of the stope of the the stope of the the stope of the the stope of the the stope of the stope of

Then I remember the have little room in the rim of the great wheel that fermed the entre of the ship. If was an amating phase ten wy young mind, whit is two faces—one now a wall—with its heal, table, and elsetife alows factored in place, you freehously contrived to be filled over for use when that vertical wall because the faces.

But room the nowkly were off. We had hut the single little room, reached by a sort of inder from the elevator tube that was the axis of the ship. There were no windows...I could not see heryond the white walls lit by our single light. Axis it was very util.

I remember atting there a long time, after we had come sheard, dauging my feet from the edge of cose of the bunks, and valching my feet from the site unitwice wall. Pather had grose out, and Valcose had tagged along ballow him. Mother was loading Pay in her arms, ereceing to her. The strangeness and the stillman greet neurible.

When fasher and Valence returned, I learned that we had not left the worth. They had hardly entered from the helder when a briak metallic voice shouted from a little black disk on the wall.

"The Venue accends in three minutes. Passengers are advised to prepare for the shock."

Pather made us all lie down up the beds. Suddenty I stat immensaty havey, as the felding tower related the rends, antasynthym the ship line the sit. For many minutes like semantice of encess weight continued, as the asternic bhain projectors were building up our oped to the velocity of even miles per second, necessary to snapse the gravenization of the ourth.

Then cams again the harsh, metallic voice from the wall,

"Warning ! Acceleration is about to casse. The centrifugal wheel will be set in rotation. Passengers will perpare for the charge."

Strangely, I felt myself grow lighter and lighter, until I almost footod off the bed. The sensition was obscamely terrifying-I fold that I was fabling headlong, that all abset me was falling too. There uso a peculiarly unplaneant expension in mys temmed.

Then presently I fait another force, that was pulling no set against the side of the room that had search a wave, and the before. Now, sublary, it scened to be accurate the before. Now, sublary, it scened to be accurate the second second second second section and of the hadder thus water failed but have then the context of the side. The prove the but put to turn: santisfugal force was drawing as forward in fine.

In a few moments we were standing on that new four. The force due to the wheel's relation was only about me-chick that of gravity (or about the came as the pull of the moon). It was intended net only to make it populate to with intumity, to at or to its descento est and to handle liquids, but to guard against that form of space-sciences which is caused by the reduced pull of gravity on the brain and the fluids of the semicircular coursk in the ear

I tried to wulk and made an amazing discovery. I saided half across the little room, and full aprixeling on the foor, yet so softly that I was not hart. When I had mastered my behave, I found that I could perform the wijket futts of jumping-I could first to the sailing and sail down yery sails.

But in half an heur, space-stekansa bagan to omeupen me, havened pertagan, he my activity. I fakt sideneos and naizee, a horithic sensation of heeddong faling, and a duil, intoicrishie oche in the head. I was too aick to cal--or even its up--when a skeward brought up food in a great vacuum container.

The ship's decise carsa in. He was a fit, kindly may with errors decise carsa in the was a fit, kindly may with errors and years and a little rod matsize. He improves that the shift may there and taken by me while he was taking my temperature. These is away, which I presently did, fording attemp minarable because two too side to littless to his table.

When I waks I full a little better, though I had a looke, throhbing ache in the head for many days, until my brain was accustomed to the basened pressure of gravity. I found failur and mother both activity up, and mether was hedding little Fug, who was crying retrainy. Wakness had opened a traink to grit some pietures and hits of heiro-brain to adem the hare walks of the little rom.

LONG days went by, measured only by father's which, and by the true we slopt, and by the coming of the man with the varuum tubes of food. In a day or two, car holdes were largely adjusted to the highlened gravity; but another kind of space-distance ence upon no.

It was that due to the lock of vitamine J, which is found in natural air, but not in the artificial air of the papes ahips. It is thought to be formed by the action of ortain understitled bacturis working is gross plants, and all offering in seventhating its process plants.

The agregations of this form of a pace-solutions are more severe and more alterning than those of the adher. They reclude naemia, majid hreathing and pulpitation of the heart, and a greenblue of the completion. Unitan oxygen is administered, death is almost certain, and in agree of the bust the doctors could do, fully one in tweive of the parameters to the more at that time root of the mainly.

Some have a bigher estural residuance to it thus others. My parents have and twee only slightly ifreeted, and the kindly old dector sourced us of our after. But the effect Hitle Fay was more actions. It should his head doubtfully when we asked him about to

Several times the good follow stayed with the sick child and some the four of us to the deck for currence. We elimited the ladder to the holieve state of the great wheel, and them-utterly fram of weight... we drew surselves shown it to a great methal floor at the top of the older. All about the edge over tiny wenders.

I recomber looking out into some-despect middlach factor with facility and an adjust of their blockman, in which the many-solved starts symm odd and motionless and vary height. Father printed acti the earth. It was a huge globe of miny group, splotbed with patchas of startum white. I maked to see the sam, was told that it was an height that it would blood me to hole woon it.

I believe that it was on our fourth day out that a

strange ship was sighted. The studight gleaning on the points thell of a space ship, makes it visible telesceptically for hundreds or makes; and we passed fararound the stranger. It seemed to be hanging still, no though waiting; and the offerers forced that it was a strate of roses.

It did-not pursue us, but our change in course was prelably suppossible for the accident that did take plane. The man at the telescope were watching the strange ship and a meteorite struck the ship.

I remember the thundering rank of the collineo, and the achieving leach of the table. Then there was a table, whisting acrean, the sound of cur pareions air binding out into space. For a merant that was the only around: then I heard a modely of shorts of alarm and accessing of iscree from the passesper quarties abasit us in the rins, and the stern commands of the ablest discret.

Fortunitely, the inner shall of the ship hid net been seriously tern, and accen the break was required. Muchanics in a space-suits went out through the alt-licks and replaced the reflector surface which hid been ripsed of by the gluencing blow of the hardling slows.

The wearst effect of the accident was the psychological one. The blaw had been very suddan. No man hnow when another irow wanders of space might come toriing into the abip. The servers strain grew intolerable. Easy of the parameters grew hysterical under the structure of the rewret two middles.

in a remembrane meshing the family in the next correspondment. They were poor people. Farrows who had left the grant Joon plannalism of the Food Corporation. The father, two proves near, and a describte lack beauth thermshown in work have periods for the Metals Corporation, in part for the presence of the family. They wave houses, cheerful people, and across degree of frictedulin account up families.

But in these long, lendy days in the crowded, unormfeetable compartments, when every passenger was stilforing some what free name-sidiness, and from the everypresent fear of metoeric collision, there was Bitle room for social pisantes.

The such received very remote: one fait almost as if it had seened to exist. All the world of mon, that core had been of auch visit account, was pote. The life huts we had known seemed a fading pays of half-forgetten history. The cramped shift, with all its discertificity and increase, was the only real thing. It was almost as if we wave dead and in the touch.

Eppe-the Meeca of the Moon-was all that made it andurable.

By hitle alzher, Fay, was still aich. For long weeks we caref for her, hoping that she would last until the end of the vysage would hirly a charact for recovery. Sait on the minufecenth day, when we were but three days freen the authilts, also died.

In the two years that also had lived, I had error to leve her very detaily, and her douth-when at last T understood what it meant-left a duit, realists gain in my baser. All the night after, nucker sat crying, and father wallad up and down the roote, with a strange drawn look on his fere. But after that, they showed Bille optimet dram of grief.

Three was another functional three has bad been many of them dense the wygas. Will be fore friends we had on hand, we pathweet about the little werped bady on the first start of the start man, read a sheet service. Then man in corpora banets and against soft we have a start or corridit through the ait hole, and tassed it contains. Wildling it through the ait hole, and tassed it contains. Wildling there at a those all the the vectors of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start o There were three more long, soft days. The nervous strain, the ionelinese, the monotony, the sensation of separation from all humanity grow almost intolerable.

Then the brend fines of the mean websend out very rapidly before us. It was very velocine, for all the roughd oracity of its other mountain and realy destri-A strange werk(e) of mininght whatew and bloing samlight. The surfur rays are not diffused by the thin site of the mean it he shadew of a mountain is as worki of chill night, even when there is bright, hot daylight all about it.

A great city of the means was now in wive. It was Thophilon, structured in its careful of that mane, hefere the itsree great peaks that tower up three makes high its how their hegining in the save work. Simulation on how their hegining in the save work. Simulation on the white instability, that was out with ranged fawrites instability, the wast sity of grins assumed very white instability, the wast sity of grins assumed very desert.

We arout lower over it, over the miles of unbroken roof of transported glass, that protected the city from the coil of the right, preventing the eccape of its vital air, and shielding it, as well, from the heat of the mudday can.

How strange it was to see hitle white-claid figures nexting over that yeak reof, or over the swarthy descrits about it, to see the dark popula of machines enswing over the dender white reads that radiated from the city's ar-icleak. I known before like ownerdevel

We neared the landing field that was him a harbor to the city. Our ship dropped into the eradic on the skender tower, was safely lowered to the surface. The voyage was at an eed.

CHAPTER V

Life on the Moon

I has been horners we were welling through the strange interest of Theorebins. A void centrant it was no the picoux transition of the space filer. The streads were straight and wells, and height with the samplet that interared through the glass nod supported in the structure of symptomic picous streams of the symptomic structure, of symptomic picous and streams of the structure of symptomic picous and streams of the symptomic structure include, great faither the stream of media, were string and allow, using a bandwid a biney freezence to fit and allow.

At every orner was a passage through which one could descend to the endlass moving ways, that carried passances and goods beneath the streets.

have sold it was to see the sunlight, the strange gay buildings, the vivid, flowering plantal. And the papels, sirolling or burrying, havpy or solor, vivacious or alicol! It was wonderful to be near humanity again, to feel in tooth with his loops and acres.

After we had breathed the freah, elemity fragment aft for a few hours, the weahness and the missay of our approvisions vanished. Scen father had found recent for us, in a great building diminar to the community hotels of the earth, in which we had regular attenuator sorvice.

It was carly in the footnight-long linear day when we atrived, ten earth-days before the sum set. (The Docady-four-dairy period of the earth's rotation has continued to be the most convenient measure of time on the moon, for the splinning earth hange lines a great dial in the lanar sky.) It seemed very strange to me to go to diven in our blanaar new rroom with the sum still shining, to write and find its mellow rays skill flooding the bright, weird vegetation of the park below my window.

Valence stayed with mocher, while father took me with this on his trips about the city, and set into the mountains. He told me moush about the life and organization of the moun, of the two other great cities, Celen and New Bockas, of the rise of the Moon Campany, formerly a busch of Metals Corpersides, and now oward by the incorrelated cities of the maon.

¹⁰ The Boost Revision was replacitude. ¹⁰ The Boost Revision was replaced by the Tooler, and Citica yares etters of Theoremains. New Tooler, and Citica which was the only point on the moon at which fooding twears had some constrated for groups abags. At first 66 signality and soft from early hold, as a matter of downing here yares. The interesting multiple of the software point of the software of the software of the software point of the software had developed a spirit of freedom which had results which a evanish of usergardisky reversion.

The Board of Directors of the Meon Company, companel entirely of humar eitheau, teck part in the city governments, in the erectors and maintancate of the glues roofs necessary to prevent the assays of the air at angin, and bargainsel with the agents of Meinla to keep up the prices paid for the predict of the lunar mises and farms.

Owning to the freezing of the size at highly, there was no life or travel counside the clines or the mines after the sam went down. Mine concrete formers, reachers, and prospecters, gathered in the colics during the long adpint, to enjoy the fruits of their toil. The streets were thermaped with rengib-dial mea, and there was much of ammemoni and midty.

This condition had prevented the spread of humanity eventy over the money people were gathered comparily in the three grant exists, where they were directly under the span of the Metals Corporator's agents, and where their veloces might meet influence the Directors of the Moon Compary.

Press the an-heads of each great city, smooth highways appead one over the lumar deserts in a network that are over mountain and erater, connecting all the human actionents on the moon. With the countar of days, these reach were crewind with the attend-powerd valuessibility" of famore, nitror, and prospector; and non a regular given of great tracks lakes with stable and ress and famore provides was found in bits to the stars provide the stars found in the stable to the stars and stars provides was the stars of the stars.

The Solution, the native creatures of the moon, indeed relied its surface by night. Their canning had led the warfile trites—the KaTaritah, MTD wills, and others—to a policy of hiding by day, in the deep coverns and rillss, to come out upon measualing expeditores, when might had driven mus to the china. Many of them, however, were regularly employed to work in mines and crater forms, even to police those at night acainst their raiding follows.

I remember vary classify the first one of them I saw. I remember vary classify the first one of them I saw. If was on the mono-day of our arrival, while father and I ware ortcolling about the etrange structure bacash the glass read, abareting the wenders of the odd stopped buildings, the werie regulation, and the gathering covers of monot-feld.

The measure came etriding down the street. It was doin like a prost red schedule on stills. The being was longe and firmay, covered with the rough red didn. The like tentscolar limb long down from the great beau, about to the pavement. Above the trank, the three longest processing as plates, wave glowing expresendeady of the horisth is harvey red caragase.

The biling came on past, everying settematic, or working with smalling speech. As it passes, the provifact gave wave turned toward as for a messant, and the truck everyor up and itera in an iteration. The messcative have little score of hearing. The messcative have little score of hearing, and only radiumstray organs of speech iter y communications have have with motions of the long, man-hearing threads the settlers in the with hear of the a fabridies.

Bing over the irrad analy back of the creature was a next of stable of aone reight labels, in which is saw a few maps of synkholic flux and engan-the morolware new increasing the stable of an outs why tensor invariably denoted here, the synchronic molecule to be obtained. And these orthogeneous molecule to be consistent appointers, the perpendicule molecule these orthogeneous processions of klosely outcasts.

W R had been on the moon ten days when night full. The sum, sinking ever so slowly, crept behind the montains. At once the world was dark, and world's it greer cold. A light fall of frest and snow silveral the description of the mountains were capped with frames alt.

The air-locks of the city had been scaled, and the great adorate lights filed the streads with a soft radisese that shimmered on the glass above. Atomic bactors hogt the city warm, and still the streets were gay with the vivid house of the streage vegetation, and the warm, nume air framents with the scattering observa-

Priors the stretch, likewark the transport root, we could so the carth, for to the conthest of the meth. Four times as for access, it averages as the most had been built in the life frame and the stretch life in the well have a stretch of the stretch and the stretch life brought a find of tably remeable figs. A irread creases of it was bright with scaling hit, the other stable dark in statum, with the region between Bit with best range

Three is terror in the full of a large right, blowgh in the worm of by Lardy ranging the Avelan dentrity to the source of the Lardy range of the Lardy starting blow initiatery nears the ranged barriss. It becomes a deep and history on. The sapplier initiatry of the site is obtained with gray miths of anothering ranges. Cold. fourists from the body sum. Therease, this a series have the rough, hard and radionales; and the sarchhard through, hard and radionales; and the sarchhard through acret of source and from also comparison, because the sarch terror the source of the sarchter of the same source of the sarch terror of the same source of the sam Decading in the inte of a man assight in the ulptr. For hours, perhaps, he has been wellding, carriess of the passage of time. Night existent him, and he becomes a queer thing, armored stiff in a crust of ice, struggling printingly, hopshashy.

The realization of singler is abrupt. It is like a physical blow, that dance, and leaves him stupid and trembling. He feels a stadion great wearincos, a weakness in the limbs; and his heart least high in his threat, with painful passes. He stars didly at the crimon non, unable credit his fate.

Then he preceives the codden codense, and the chill of his own perspiration. He starts frantically, runs, with hard bathing so high that it choice his breath. This first non-diakes dance lightly peet hits, or of this, white and feathery and year chill, ansimit his face.

Be goes include with very using matter and process the couple description of the second second second the marking choice against him into iteres. And so dedenty he finds that he is exhausted. He stumbles and cannot rise. And he lies there for the moreant, panking and chilied, he tells himself that he must be calm, consorve his alternath.

When he rices, the eky is already gray with frozen mint, and the red san is gots. He hurries on gauging this israge to keep his attractive, the mists owird about him, and doll throbbing pairs croop up his shivering humbs. His face feeb as if set in a frozen mack.

And now his heart passes with the horror of a new discovery. He is host Boow swirts up in the with about him, hiding the femiliar peaks. With a soluting ery, he stops; but the piercing lances of the cold drive him en.

He runs again, madly, with no conse of direction. His heart pounds, his fange ache. But his face and hands and feet are becoming mercifully numb; they throb with dai, headen pains, het fad curicash detached.

He is exhausted again, with the fatal heaviness of fear. He hedy shrinks out for him to stop. He fights en, in widty frantis guarts. The wind howk about him, this, holes with fine, cutling particles of ice, unthinkally cold.

He stambles on. Darkness despans. He cannot esc. Is in the might? Or his eyes? Varies innon-fragments-fish through this mind. His mother's new, whits and still. A half-forgetten zerel. A yellew dog he ence had leved.

He examples, falls into a drift of powdery enew. It feels warm, delightful. Dimly, he realizes the peell of it. He tries to miss, fashly, cries out. The retentless what whice mure his veice, drives him down.

Hope is dead. Realization trings dreadful agony. He makes a frightful effort, oblivious to the pain screaming from his boly. He conset movel

Ing you give any connec move. In a few house the body is fractor hard as metal. There is lies, in the hideous horrer of that last freeshed coursilies, guilt the mono-avoide courts-acasht, skphanting thing, hopping basalth jowakd darkstess from crag to near-capped crafter-time, ore a world white and still and dead, ebinsmering in the cold white light of sarth.

More than eros, in my life on the more, I have been near that fats.

During the long much, no father straight with the means and former who were in Theophils for a builday. He took me with him lato chus, retainants, each enterparts, office and lobbins. And a few times we handword into secret date where there was much make and with cong, with pathet versons and hargered mere, realing under the infrance of drays rangedo mere, realing moder the infrance of drays rangedo mere, realing moder the infrance of the center forming of the meres. It was just outside one of the latter resorts. I think, that he stumbled on an old prospector, who claimed to have discovered a weederful mine in the region to the newth, named by the old astronomers Marc Transpillatio, "Size of Transpillity," (The colonitis and supherst, in the main, have respected the non-nelature of the strictst teleparameters.)

The ddk follow from the deart—Joshim was the of the cev has binarised has been been been been been and the cev has binarised has been been been been and was in dras straits. He was a short, heavy follow, the ddh bounds of a forry refit that statished his synthevaneed the oil follow famils to feed almostid until the course of the same family models with a cardood path of the different family and the same transent of the oil follow family and the same transtic strain the same transmission of the same transtic strain the same transmission of the same transtic strain the same transmission of the same transmission access pines of resist and reads that the same transmission access pines of resist and the same of the hist chines are been the basis more same to the low of the same transmission.

WITHEN day was coming, father took me with him to one of the off-body the first to want the reregion of the set body of the day to ward descriranged, relay broken with reach and diff, covered with a blanket of snow and frame air that shace while is the bright north-him. Above the sharp, ranged edge of the descri, the blank sky was aprinded with edd stars, nother and bright.

In the east was a map of minip huminescence—the objanch light, Suidony the uppersunt given discussion of the mountain briev that vague give entropy into datsing white radiuses, and the intronsity white radius in a the same reput up among the stars in the sort. The deserberanse a plan of administric giver dama, errows with the individuit abadows of the three mighty peaks put said of the rite.

All about, as far as my eye could reach (the horizon to the moon is appendiably namer that on sinth) monitain and plain, all crysial which, shood out with a sharpy and motionics distinctance, with a sharpy and withnoos of outline, that one who had always fixed on such cannot consiste, with the standy stars still horizing in the black size above.

But room, as air and molsture began to exagerate in the underkool rays of the ears, faint wells of blass and pargies mist flexible up abset the distant peaks, and the sam was aurounded with a mixig position hais. The sky failed from other blackness to a deep ocease how, with the brightest stars attil discernible in it.

In an hour the spacing blanks of forst was gone, and the holes and yubbw valls of for that had heidy docured the most optimum of the formation of the cost of the state of the state of the state of the cost of the grin cruck of the state of the state happe of twicked how how, the insumerable any cruck the state of the grin cruck of the state of the state of the state function of the state of the state of the state function of the state state of the state of

The sun had not been up twenty-four hours when father and the prospector, Jenkins, left the eity on the rood that housed the Lake of Death toward the Sas of Tranquillity to the north. They role a little multi addies on a "twilliad" moon-call. - a monstroux, tealy red creature celled M'Ob, of which Jenkins seemed ways fast.

Wry 1010. They were gone over a week; it was near sunset when they returned. Father, who was a trained mining engineer, had here pleased with the prospect, had hought it. During the next hemar day, he was very hury, making plant to work it, buying machinery and hiring near. When day come and a, be left Tacophila, with three great tracks that carried D-ray mining machinery, supplies, and the ain run is had hard-i-be was depending on getting mono-colves for most of the labor. He tooks reversal tuns of carbohydratos to pay tittor, and had zeroplayed a man with a thorough knowledge of their various dialactic

Be had bought a great atomic dustiteration reymention for borrispin dustity, and a number of the scalingpituicide states, and a number of the scalingpituicide tools for working arroad bodies of ore, and discharing regramments of it. The dustituing state ray, or "Devey," is based upon Oriford and Statility great discovery of four constraints and. Matter under Hauffen scale dischargements, long accorded partly into para scattery, most of H its transformed has the inter queue, billing most of H its transformed has the inter queue, billing most, argue, keypton, and more, which, when the tray is used in milling course hardwales from the a haft.

When father returned at the close of the day, he reported that the machinery had here installed and that the best of progress was being made in patting the work under way. He had been compelled to build fifly miles of read to read the morrest highway--exting through obstructions with the D-ray, and having a smooth alary payments of found read.

He worked very hard. After he had quarters in the mine-shufts which he could inhabit during the night, he stayed on width his task, paying us hrief visits durling the day. Before the coll of the year the trucks were built in the head metal from the mine in quartilly.

The properties that empirically been fee yield alone. You againsting of them thereis there were, but rests deposition of platinum, infolum, and combum ones were struck at a digit, of a few thousand meets. Since the three metals of the platinum group were the only cost that the sees assessed by and in the interim blates projecter, they communify the highest print plat for empiter one of the platinum group. Interim blates on one of the mean valuable or the meses.

A year after we had landed at Theophilus, Father had been able to construct a glass domed tailifing on the hall above the shafts, in which we might live an comfortably as in the city. Mether and Valscon and II were moved out there, and it was there that the happy dars of my routh were agent.

CHAPTER VI

In Which I Grow Up

UNTLL I wan ten or twelve years of ago, I soldem heft the vicinity of the nine. Removing quility, it was much apart from the rest of the recoworld, and as the mine press, father's huildings because a hills out in binnerive.

The nume-chafts opered into the floor of a low-wrilled center, some two makes across. A annoch, while road connected the little metal doons above the chafts with the grant smaller and refinery that had been built in the oration of the chronic walkey.

The great buildings is which we lived very loaded on a limb half just noth-head of the control-or wide, rembing town, enclosed in glass. Always it was the first point in by the rising raw, when the flat down's about was still shroughed while in news and fromes size and kets in the shadows of the bight.

and not in the shakows of the man. Mother christmed it "Throvest" herause of the way is glistened in the biase of sumshins when she first nuw R, as we came out in the automobile. Our little city, and the mine likely came to be known by that name. Sometimes I work with Valence and my parents on a business or picarize trip to Drophillos.—It tool only a few hears to run the three hundred mikes its out also engines. A few times we now one of the "threes" pictures from carth, which, in the workness of natural color, perfect sound, and life-like depth, pave us chilmen were kreeschen of the united of any lifeth.

But these trips were rare and great scenars. For the most parts were their at Prinners, way simply. Due to the start prinners, way simply the vert of scenar, mains the segment of first any father had execute an parts distance for starts of the will monolity. For larg beams at a time I wandlevel about, the starts are starts at the second starts of the starts of the starts and the starts of the starts monotonic starts and the starts of the starts of the starts of the starts and the starts of the start

In other words, I was a normal bay, hading on the moon the natural life of childhood that I might have anjayed on earth. Scentimes...and quite naturally...I put into difficulties.

By greatest advecture of childhood came one day when it stankled upon the entrance to one of the prest eavourts that longworth the moon. It had the narrowest of openings, a sketder crack between two great builders, not dwe mills from "Freecast". Threfine with the remarks of discovery, common to all youth, I wrighted through, and scattered the crack.

Are 1 erept aburg—arered alticula, transling with enditorum by you or quilt frighteneous before suband down, writefung as it went. I stambled along its witeriese, ever the correst and of an abderragional wittercorrestone that it writefund end in a matherragional wittermetry of the state of the state of the state of the intervent that it writefund ends in the means. As a more every free may, and far balow the laws before free where there are also of the where. And above the intervent free mass, and has the balow the laws balow the intervent free mass, and has the balow where. And above the intervent intervent is a state of the where. And above the

Draw Jurnit events the takes a Januar of the transmit plants increase to constraint the Barbarnithue datas of the overras of the moon. Branger of form than the gdty growth of the carbars, the plants glowed with soft steady its. Great, firshy trees seeming to have with do like light, huge mathematical takes ability with a deep great instandamenes. Blonday ability with a deep great instandamenes. Blonday areas and the standard and a south a set of the standard and the standard an

For a long time I stored and watshed. I had heard of photpheroscent foreace, but this was the first I had awar teen. There was nothing unstatural should B, I knew; the phasis mershy supported editoies of hemisfifereau microtrapainess animils to those found on earth. Tet the alien hearty and the waird wonder of it wrapped me is envarient.

For a long time 1 looks; then, but in the strangspill of its phote, I left my point of watangs, and dombered down over a along of wataswathend tock, will i reached the edge of the higher. I here all thick haves glowing with odd hies herds, and sheath and here all with widet and grows, and a headful of 1 wandwerd about the shore of the black hier, making awaid a boutout of flame.

Then i heard a score that made me deep the spindorms glowing thing in a passic of studien fear, a sound that freem me as I stood, with stilled heart and informs breath. An animal sound it was, a seet of great that toded in a whitting intake of heard. Then there was a restline in the sharts, that came towerd me. I now a single purple eye, large as a man's head, and ahining with cold diams, that ross slowly above the glowing plants where the sound had been.

THE shock of the sight galvanized my unarread hind way through the dimension of the start of the find way through the dimension galvaires gloants, stumbling over rechts and scrambling desperately to my fact to plungs on again.

At last I singped, from sherr advantion. I was torn, blocding, estand with block mud and humitons vigetable junce. Hot and parting, I threw myaelf down on a hour rock. When at last I was able to value my head and hold around, I saw the luminous thickees classing all about the hous boulder on which I kay. In the feshie Right, walls and rock were invible.

I steed up and should. There we to be deriness swallowed my volce. Abrapty, I realted the vonteens of the cave, and my foulishness in entering it almes. I realized my smallness, my weakness, the fettlity of my effects.

I restricted as impose toward another read flight, and set there a while, very solurity considering my chances—and finding them very slight. Then I dilubed of the reck, and set out debherashy to find a way out. For a long, long time I wouldred, heading through hummoni ferents, standaling over dark, rocky underground pulsins, running thro beoldary, failing into pits.

Always intervaled, when i more lack upon that errors how an extra-test denseroy of 11, and varies polymeter of endines are sum-ender denseroy of 11, and varies polymeter of endines are of exherating effort, of growing longer and i transmission of the start of the start of the lange of the start of the start of the start of the varies of hange back-strained (hing, while land) when of hange back-strained (hing, while land) into transmission hadron grows in our start line transmission hadron grows in our start

I slept several times or at least by insensible, when I was too exhausted to move again. I had no ideas of direction, no plan news always to follow the passages that second to load upward.

My ultimate encape must be credited rather to chance them to anything size. For the threasandth tims, I thought I now the pieces of daylight, strengthed to H with hope and fars stragging in me, and walled into a beam of simulants that foll attowart the redy fiece.

Above me was a set of shying themes, needs interessed for a regard first to pass of the shying themes, needs of deep later and the set of the first of the set of the set of the set of the set of first of the set of the working when I had helf Firserect; I had been underwerstell for a work!

I forced a way through the thorny undergrowth, and simultered out of the hith center. Looking about from a little emineme. I saw the planararrowth buildings of the dity, blaining in the spicolor of the surshine, fifteen milles to the wort. I was a full doen milles from the biddes certanoo I had found.

Five or six hours loter, I stumbled into Fivecrest, Bittle better than dead. My parents and Valerice recelled me with unbounded pro. They had scoured the contry for ma, finally had given me up as a visitim of a noisem band of the will moon-calera.

I told no one but my parents and a few celected friends of the was cave; and it was a secret that was to prove an important factor in the moun's war for indecandents.

That near-tragic adventure ended the carclets days in which, alone or with a book, I had wondered about the crater, lost in dreams. I seffered a long stickness, induced in part by eshimation, in part by my realism masks on the fruits of the innineurs plants. It was some months before I had completely recovered my strength; and during a leng convision-code I did a great doal of reading, becoming intensity intervaled in studio, science superially.

As seen as I full able I entered the little school at Firecesst, which rather had established for the breads of his employees' children. After a few years then, I was ant of to the university at Theophulus, where I took a general scientific curres, specializing in intraatomic enclowering.

B^Y that time, future was eas of the richard more in the more. Pitteresst, industion involve by the sention and particular forces ten throatenin in pepulation, for preparity formed has executing and workers. His wages were the highest paid on the month we was ease of the fore mine-wrane who had built a glass-overed div for their need.

If its character, one of alreads puritable star-flattes and independence, had have of little use to blan on earth; but he was approximated under the leas restrained uniditions of the moot. He had become respectival and inflocatial throughout the astellins, a leader and advisor when furneerant measurisms was to be considered.

Bevenil times, in matters of dispute between the contains and the agents of Metals Composition, in *in*grant to the interpretations of contrastic or prices paid fore much, he had interprived interruph its influences, the Moon Company had been able to scenee more accervain trastismant for many a poer miner. For assumil praces has had been a leader in the Roard of Directors of the Moon Company.

It was though his influence that permission had been advanced to one in a synthetic food functory us has more, for the Pool Corporation and all and a multiplication recording the synthetic food function of the monophytic-fluc Corporation had had and a multiplicate at New Notes for years, but this new contents was pelatic hours prices. In this data more contents was peltication concerns that would tund to make the more food dependent upon the work, and the converged and added the formers who were strengthing for grave the visualine-contentions (prices and work) when the converged and added the formers who were strengthing the grave the visualine-contentions (prices and work) when the converged on the formers who were strengthing the grave the

Entering the university was a great event for me. It was a yast institution, for the moon numbered among its students thousands of yrong men and wennen fram all the colonies. Located in cas of the huge, sunlit, routhers towers of Torophilas, with variant parks abort it, it was a delightly lates of bourdy.

The strengthere was free and demonstrain. In my collidion of body way much allow, self-sufficient and corner pitch for this society of others. But hears I found myoid among errords of happy promptiers, who accepton may a strength on the society of the society or grange my relation in this cushing. If our that there for hand hears a strength one, instance of this hear of one of the solarity barding cristians.

One of the most pleasant fastmest of my school kind was the friendship 1 formad with the Warrington famlip. Goorpe Warrington, which will be warrington a school of the school of the school of the school of the last form of the line of the school of the school of the had not him and was his friendship; thus it was that i was a formatic general his home.

Warrington was a kindly, friendly man, of simple

hastes and quiet matmers, though these who did not leave him intimately, were upt to ecception that he was unduly still and formal. He was a constreas heat; it was delightful to back an the genuil warmth of his great intellect and neihe character.

This wife was a simple memored, cheerful woman, with loca, vivacieus wit and a great and tonlor heart. She was beautiful to my eyes, and a scound mether to me whan I was hearly or homesick. There were no children in the family; perhaps for that reason, I was more weiseen to the great, majoritic rooms.

It was at drame there one eventing that I feat metforegramm F. Gardiner. His more was well known to me, as to the rest of the two spheres, for his brillar to work in a solarso and philomysty. Two shorted may be an event of the solar sphere shorted and the there was nothing everythetizing in the apparents of the receipt shorted masses implied the transition the receipt shorted masses implied the transition the receipt shorted masses implied the transition the receipt shorted masses in the short born. Second parts there is had preven the isomatermuch of the manufacturing adapties that had node hit weakly in density. Hence he shorted works the the short born the short born of the short born.

These an extensions of the years, a small rest, but a property on any that has been addinged. The Property D marks lines traveling a strategies of the property D marks lines traveling about the prome, withink the order and the property of the property of the strategies of the the state of the lines of the strategies of the strategies of the state of the lines of the strategies of the strategies of the state of the lines of the strategies of the strategies of the state of the lines of the strategies of the strategies of the state of the lines of the strategies of the strategies of the state of the strate of the strategies of the strate

During one long moto-day, with a band of the little advantages of my schedulate, it traveled to the ord of the reads in the south. We shift our mobilities and word on after, on a prospecting expetition toward the press Duerich swantamin beyond Tyrko. We shift shift and shift of wattures enough, and once fought for our lives squares a hand of the wild Sa'larthh.

But the grandest adventure of all my college screer was one that came within the wolfs of Thouphilus, and during the fourth and last year of my aixy there. It was a girl, tail, durk-haired, basutiful. She had not the easy, formiliar maxmers of the ordinary co-e4; also was included to be shoof, reserved, and whent.

I went to no onl of pains to pri an introduction by ber. Here more with Mary Joney. I could here into maching also along here. A five times I much has alone in the optication of the state of the state of the state of the first state of the state of t

But on the day after we had seen the picture, ohe was somshow changed toward ma. She was received, selfcontained; a burrier had core between us that I could not brack down. When I stopped her in one of the great halk, she left no andehory, seemed during and any pictous when I followed. The next day I found that whe had left the university.

And do my hast, I could not find Mary Jons at all, Whence she had come and where she had yone wate equally pumling. I could not sven find anyone who knew her better than mysaif. Presently, after I and spent a few thousand credit units for private detective work, I began to doubt that her name was Mary Jone at all.

CHAPTER VII

The Fate of the Sandoval

Mark cellage education was done; with a mind illud with improvable dreams of a dark-yeak, withful hack to the here alled hereaff Mary Jons. I want to handing lashtad in that year tract of grans, feeluating witherness in appropriately eagled the "base of Tranquillity." I was to live with the family, and learn the mining husteness.

During hepfood T had here much abort the mines, and having the neutral inclusion to need estimate that had led nyb to those as a regimeering coarse in the university. I found authing difficult about the work. After the costone collary years, I really ethyled the neutraners of the cost physical provide the statistic means of costalists for power, for air and waiter, and for the excepting mass from the D-ray bound modifies. I note had block the statistic statistic statistics in most fixed from setting the statistic means of the statistic means of the statistic statistic statistics, its, fitting up, a list hadben from setting the statistic means of the statistic means of the statistic statistics. The statistic means of the statistic means of the statistic statistics, the statistic means of the statistic statistics of the statistic means of the statistic means of the statistic statistics and the statistic means of the statistic statistics of the statistic means of the statistic means of the statistic statistics and the statistic means of the statistic means of the statistic statistics and the statistic means of the statistic means of the statistic statistics of the statistic means of the statistic

But often at alght-and over hy day, when I should have here at work-1 over a gain of dane, dark syme before me, or altimysted a failing face, with its bright, agers rathe. I prever ratios, with sy dreams of Mary ders. Perhaps, if I should go to the earth ... I had no take, really, where the wars. But I imaginate that alse must have form had areas the work, because I had failed to full her on the meso.

The worder of a trip back across the gulf to the planet of my hirth had long appealed to me. I began to product its arcticably, to imagine that I multi most the dark-halred girl at the span-part, or in the ways of New York. At last I resolved to spaak to my father about it.

But before I had done no, something happened to turn my attention to affairs nearer hame.

The is long time there had been effective hereener the Netes Comparing and its kernetical agarene, firsthe-Corperation. As I save add, this Meon. Compares had clients be utils a view of the Netes Compares had clients be utils a view to service and the Baerry, had begather for stock in the Meon Compary, when have were modules a mining entrody, or slopping of a sarpe of the comparison of the Netes and the Netes and the Netes alternation of the Netes and the Netes and the Same alternation of the Netes and the Netes and the Netes alternation of the Netes and the Netes and the Netes alternation of the Netes and the Netes and the Netes and the origination of the Netes and the Netes and the Netes and the origination of the Netes and the N

That is, the artice sourceasing of stock in the Mons Carrogany had possed into the hands of the estimate. When first expanded, this company had possessed in free simple, "the Rarth's satisfile, knows as the Moon, with all mines, manufactories, assolitors, reflection, and all other buildings and improvements, of whateverse kind, that may be hereafter exceeds therear."

It was, however, quite evident that the Moan Compary did not own state mines as those of my finkerfa, witch, in fast, it had never exhimod. On the other band, it did own and operate some of the largent and most productive properties on the monn, and it had hulk and controlled the great cities and the wast systems of highwaves shout them.

The whole situation was rather complicated and confusing, for Matals Corporation still Instituted on tampering with the affairs of the Moon Company. And it is rathinably enformed its menopoly on trade with this meon, its initikable of space returning any other vesad found in the latens.

In this year, when I returned hence-it was 2006 I. I was then twentyfour years elise-a prest change look place in combines on the mean. It was due to the graving means of indepartdence of the mean people. The symbolic field factories and the creater forms second a success; It heads as it the statilite might he shits to look after heresift, with little help from the Metals Compension.

The Maximum efficials will apprentify recentiered the mone a valuable property, to be made to yield a good recurso, not a preveng mation, to be justly procencel, it mill instands upon the particular of the money, al prices and by its own official, refusing to prevent priveals reads with the south. This trade manipuly, and the dependence of the relocated on imports from antily, were themse the inclinitial controlled the More Commerce.

For pairs it had been known that the prices of residing the mean resultant is thin of these at Prichards, and the mean resultant is the other of the start price permise, as adding field in the window not the justice of its Electron. They excluded their own fields to the comparison for their predevition in an above with their fathers. They its adjust of the period freed by the shape that carried the mutal to earth. And the impute their fathers. They its adjust of the period freed by the shape that carried the mutal to earth. And the impute the father shape that the period freed by the shape that carried the mutal to earth.

But is BBd, prices on all metals were uniformly and arbitrarily lowered by ian per cent, for no stated reaan other than that Metals without to increase the proveof her great mass-facts. The serporation institud that the colonitar were bund to all their products to har, and at whatever price she thought just. And the moto, als said, needs the protection of the freets.

THE result of the relation of the prices of mutal more, that they were quite willing to build and could above of their own, and under the command of the Moon Company, but that they objected to supporting a fact of venues matrianad largely to keep an unjust momonth on emergence.

There was, at the time, no hint of rebellion, marely the growst of politions from the Directors of the Meen Company. But Methe proceeded to put the reduced rates into effect, and miners who refused to eccept them found their wareboxes guarded by watchmen with D-rays, on the elect to see that the inputs did not full use the head of anuarket.

The important result of all the confusion, with the practical suspension of fraids while the boyest work on, was a great smouth of discension, and the revival of kennest public interest in the charter of the Moon Company.

A few patrictic spirits, of whom Warrington was a hader, get in truch will must of the stockholders of the Maan Gengary, who were southered all over the moan. Later in the yree several acous of delayaks met in Theophinu to bold an Assembly of Directors, the greatest that had been hald since the took passed out of the hands of this terrestical holding company.

A small gathering it was, perhaps, but one of sarrest and shie men, burning with and for the sause of liberty and justice on the moon. Warrington was there, lofty, decoded and brilling man, who had been in youth an THE BIRTH OF A NEW REPUBLIC

The great round vessel, rather clumpy at best, and heavily laden with metal, fell an easy wittim to the slender, modern, cigar-shaped warship of Metals.

offers in the space flette, where he had largered the resolution at of way. He had more presently were distantions for a long company assumption of the space of hybrids—definition that is a set of the space of hybrids—definition therein and the space of hybrids definition way and the meshing the space of hybrids definition of the space of the space of the space in the space of the space of the space of the space of hybrids—definition that is a space of the space has been appreciated on the space of the space of the hybrids of resolution, and up failed provide and the space of the

The old tharter of the Moon Company was examined and discussed. Quite explicitly, Metala had granted it the full ownership of the mean, with all the mines and cities upon it, as well as the right to preser its territorial rights by force of arrs, to build space filers and to carry on turks with earth.

There latter provisions must not have seemed imporinst when the obstree was drawn up, since the Moon Company was to be only a subsidiary emperation in Metali. But now, even through Metalis had never reconsized the independence of the moon people, these old charter rights estimate in the second second second second second second second in the second second second second second second second in the second seco

After a long and rather stormy section in ross of the great scalinorisms of Theophilm—there were many so loyal to Metals that they field it an act of treeses fo question the window of its government of the momhe Assembly passed the "American of Raths"

That farmore document merely ack forth in simple language the claims of the moon people to the rights and privileges of add-government, of free ownership of mines and (tile), and of freedom of surveyers, which the earth, as granted in the charter of the Moon Company.

The document was sent to the Directors of the Hecks Corporation, at Pitthurgh, as "as humble pettann from your loyal colonists on the mean." The answer was simple and decisive: Under the present system, the mean had prospered for two contaries. Why change hill

And the same ship, that brenght hack that answer, carried orders that no muth was to be purchased for more than the new law price, and that anyone staring metal about the min, or attempting the ahip it is other point than the great space-perts, was liable for presecution for rangedime.

With the arrival of the news, an electric wave of conference run over the moon. There was much wild talk of war and independence, and below it the awakanies of the new ideal of liberty went standilly coward.

In January, 2525, the Ascembly of the Directors of the Mocci Company met again, in a new section that was to last for six long years, until the and of the grantoct way of history.

These near again discussed the Assortions of Equality, and in a few days passed the "Assortion of Equality," or January 24, which has since been excludered as the hitbialty of the means lineary. It stated that the Near Company was a free and independent corrupation, of rank and power equal to those of any, and satified to her representatives on the United Recard of Directory.

At various times in the pash, when there had assumed to be model of proceedings assists that particula of strains, then thirds of the mesons had assistential fixeds for the confluction from at Pathandry. And communication of the name of the Mond Company. These were particular a balf observed three versels with the lists of the Mond Composition—it was upon out of the and that Warrington had arread. They were the property of the Mond Company, and theory means that out of the Mond Company, and the only means that out or set Mond of the obstraint of starts.

One of the first acts of the Assembly had here to dealing these ships to be under its investions withoutly, not be commond them to had at Theophilan, is await the orders of the direction of a novesing corporation. Five of them seen appeared abive the glass wills of the field, itsey were refued landing agnos at the typosport, bound the second second second second second second theory is a second second second second second theory is a second second second second second the second sec

The Anumbly, in order to test its chimed rights of commono with the earth, announced that one of the altys would sail for New York at one. Thousands of tens of notal wave piled up in the wavebauses of the div, there are not officially in preting a narm.

(10) cover sub of variance of a provide a scalar scalar light at Theorem (b), bisansking pathenel in the Strehe and out the routs to watch the departures of the shifts the Studees. The rout of a bind often with the first scalar bind the Assembly meeting, 1 was arong its charing modely goy through upon the bread glass read. It was a modely cover, of white-dud farmers and gring minutes, of prime models, and brightly alkes words? We also depart of the start scalar scalar scalar prime of prime models, and brightly alkes words? We also pin of namy range and of a hundred tracks, bet all widel (b) on each the new horn arguing of the new horn arguing of the scalar scalar

Far to weatward by the sliver space slips upon the owarby desart, like plotes of glosming white quickailver contegred upon a dark reak. The suminine was hot and bright, painting the ships with sliver fiame, setting them forth very visidly against the black shadows of the hills behind them.

Faint clouds of many-colored mint swirted up about one of the argent spheres, and way slowly, it seemed, it was lifted into the air. A great should be house any that relied over the city's reef like the ever of a breaking ass_many with the ship into twos.

It a few minutes the wess! was cut of sight to the naked eye; but still the throug welled, not a more cofield must of people, but foling the poile of avalaning mathemity, fund into a single unit by an avalaning solid to dustroites.

The Sandresi was still within good view of the tolomores that projects by the hundred from the towers and domes that rise a bitle from the ofly's wat exparse of level rocd, when the catastroph took pilse. There were a handred observers; and the whole city knew of the outrage a few minutes arbs; it happend.

The outbound Sandovai, fifty miles above the city, was rammed by a warship.

The great round wasel, rather element best, and heavily index with wetch, fall on easy vicins to the similar, modern, elpar-shaped warship of Metak. As a Silver arrow might parce and hurnt a bright scap bubble, the hetikakip sped upon the Sandevel, ripping it ones with an aumoritor torw.

Several hours later, it was reported that a mass of weekage, inden with dead man and provious metal, had fallen beyond the three great peaks in the orate of Theophilus. But hafere that time, all the most knew of the dead. And many a man, who had thought little or not at all of his relation with the earth, foil a sudden force deairs for Elberth.

On that day, the independence of the morn was horn.

CHAPTER VIII

The Radium Raid

That creal and dollbergic outrate, the retention of a table of the Moon Company's so IF is not base a common platch, once any so it is not the set many, the shakathant hegan to think of independence, to wonder if they could lead an existence without the commencial relations with the arch, without the protection of Metals Comparison.

Much was written and nocken on the subject in the mant few weeks. One anonymous author published are a series of elevation and first appeals for history, celled The Parting of the Ways, which were sagetly real and widely quoted. The universe author—who, I affected and reason to suspict, was note other than my own feature-mode a generative price for these independence.

The moon, he pointed out, had a peptialiton as harpe as the membership of accord of the corporations of earth, and a weaklin far greater than that of any, meaured in natural resources. Certainly, he rold, the meetfold were as progressive, thrifty, and intelligent as any on earth; containly they were expanse of solf-government.

The meson, be argued, was no komper dependent upon, the earth for any necessary articles. The fortories in the great artificial coverns below the cities turned out every variety of manufactured article, from eleking, metal growin, and kulifing material, to drugs, medicites, and articles feed.

The mines of the moon would not only supply all her masks in the way of metals, but their output was is indispensable to the industrial life of each that the mether planet would be compailed to resume commerce in the cod. Becommissily, the earth was depended upon the aceth.

The farms, in crater and storelo-lighted envers, would

furnish sufficient quantities of vitamine-containing fruit and vogetables. These, so long the principal importations from earth, would no longer compil commercial volutions with the motion plants.

To one of the baid of Mapapers, the damong athless wont as far as to support the possibility of a suscentral war with the black Comparison. There of maintaining a military fonce at the distance of sussiy a quarter of a unitary fonce at the distance of sussiy a quarter of commerce would deprive at of the source of metals upon which the military attempth to as largely based.

And if the more prepis he emcluid, were not trained selfers, they at least half and consistential military experiences in the many bloody wars with has more-naives, into yours more than the saturation of the more is appropriately. And if they were, including its senses is appropriately, and if they were, including its senses is appropriate the grant Design them used to forming mise solution-operated in considering simulations to have and by individual miners, which would be uncful hand wanted.

An influence to be accessed The Porting of the Weys provide known of dispersive of the upwersh of Media. The papers were collected suppressed by upwersh of Media colls is guittened by were destrocted und a resurt war offered for the author, start or altree. But despite the best of their deficient, the writer remained underseawas easy after the destit of ng father, years inder, But from dampt in possedients due juits, from which the outlewer pepers has been printed. And off the search present from hand to hand.

Five, win have my failer, might have supported him of the authorship of these isors, powerful during the optimum of the starting setting the starting of the second of the to action, resping with a brief, angledic departer, simply, therefore, with a walls who have the starting of the starting of the starting of the probability of the starting of the starting of the in the way of 2027. While he was not able to faile an active part in the way are the reason, in had more to do with it that was commonly howen at the time. His have two as a strengt and probability, and had the top

As the people of the moon read the timely article in The Parties of the Wran, not pondard upon the ramming of the Bandovsi, there should erstalling a defitile optic to unity, that gives firmer in the conviction that the moon and no larger leas upon the long arm of the Metallo Correction.

The new spirit was first definitely shown in the "Radium Raid," an inclient which took place in New Rooten, about the middle of the year.

The Metals Corporation had chang tenselough to the lowered schedule of prices, despite the baycout of the moon. It was the baset of the new party of independence that not an ounce of metal had been sold to the Metals character her servering of the Sanford.

That had meant hardfolk to the moon people, for if no model had gone to the earth, Metak had seen to it hat no merchandloo had been hitped to the meon. The people had accustomed themselves to delay without offer and a few either lucricis that were not peolused on the moon, and karps subscriptions had been raised to earth misses that fewer only for lark of a market.

Nor were the disativation runs see after on a meand. Nor were the disativating at all on one adde, for enearth a thousand industries depended on the methal and other products imported from the money, and the nupensitus of externation of the first new material. There was a vast procure upon officials of Metals to make the

prices and resume trade, but they stubbornly held to their point.

As the year west on, it developed there was in the wavehouses at New Borts a subject of radius, orsigned to its Missib Corporation at Pritskarph. The against of Missib and garchisod this radium after the out task brought as seed to trade. Lake in Jane a space first kinds it New Borts, to bis on the next. The structure was a delisite see. Neith hold sirvely bengist the meant Burt space and the terms of the computer among the mous pergit, as such years to be remed.

Finite earliers at rot high. The lead charts were carried out of the waveboure, and the hading wet on. The Assembly of Directors was still a settore, and the quotient of whether the high shelling reacts the brackof other provides the setting would relate with the setter of the frequency the setting would relate with the relation of the frequency the setting would relate the present industrial arises as asorts. Not the metal had been

But public optimion rea high against the sanding of the readom. It was argued that the the Carporation might at least pay the old price, since the bycost had trahled the price of radium in Pittshurgh. In optic of that, on the last day of Jense, as measurger came from Thotphilag with the news that the Moon Congeny offselsity spacetured the demarture of the weak.

A want ensured had assemblid around the ship, to which the basicity of the had been some that existenced the presisue metal. These had been some ruler violest downshardshow of popular forbas, and the port atdimensional the presisue of the source of the had been the measurement with the source that her had allowed as her commonly the desrance papers had allowed as her commonly the desrance papers and measurement has the desrance papers had a measured be the file.

It was almost attack. The vessel was arbiduled to depart in a few hours. The restal was all so batach the laborers were returning to the city, bafore the cold would come, and the crew wave still bury, getting the carps in shape for the vorage.

Just as the gan was shiking, and the black chadows of the mountains, shall feervatures of night, were reading acrease the desort, a band of men suddenty appared out of a marching shadow and rathed upon the wand. They were protosque figures, unreceptuable in the metial error of opens wills.

The alr-heeks and hatches of the wessel had been open and waguarded. The watty commission drew of the first was taking by surprive, puist as the last drumes of scalings were being nowed in place. In a few minutes the patients had over-run the object. The crew was disarmed, herical into the strong-rooms, and looked we

The cylinders of radium adds were speedily unloaded. Just what became of them is not höstoric containty. It seems that contaids the vested they were given to a band of meson-calves who vanished with them into the chill swaters of the outberton sight.

A few hours later, whim the leate commander of the ship had ferend a way out of the streng-room, radium and raiders ablie had remained. The ship roce at once, and get into communication with the patted facts. The surface of the mean about New Booton was combed, but all efforts to recover the loct mutal proved in value.

News of this daring act on the part of a few, determined citizens of New Ecoton spread like wikifier over the moon. The whole planet waited tense for the peaks of Metala.

CHAPTER IN

The Declaration of Independence

A^T the time of the "Radium Raid," failer and mother in fast, since the converting of the Assembly only in the year. The mine was shut down, since the lowerth had stronged the sain of mitid.

Father regularly attanded the Assembly meeting in the great hall. To the influence of his great wealth was added mun's respect for his sturdy character, hotty hener, and ideals based upon deep human feeling. He was arroug the leaders of the Assembly

It was not privilege to go with him daily to the manting phase, as a set of confidential derk and attencesphar. I atal never forget the long conditions in the dark, cock hall, when its kerry work rang with impacationed phase for liberty and right, or winnpred an acht to the caim, tober opinions of such men as Warverston and familiar.

During my university course 1 had done estimative werk in alcose, and a fort thang. How does acting my grantest para had attracted a little attanting cotted the harditotics. If was juscal harders may have the little of another that read of my work, down the time that the final harder of my work, down the hard by the second second second second second hard by the second second second second second hard by the second second second second second hards and the second second second second second hards and second second

Toward the rank of August, displicing nows came from Now Bieton. A fact of nine great warships, of the cyloadical type chiefly awaid in the author atmophere, had varies if rons. Pitolough, under the summad of General Mollas. The first had had all the spece-peri, and elisabbethod an army of some tre thousand mer, which had laken possessive of the effyr-

The General-as exhibits autoentic off follow, alcellus (o regulation at the histophysical states) to Diantod Gardens in the middle of the city, whether back citizers out of the fravour measure and autoentee phone. This man pairsibal the titgeth, whether ways, over placed about fractories and phases of bautiens. New Bettor was under marini hav, and warmings had been period that argoen, whether has real administration of Media, as expension estoroism first administration of Media, as expension could be the administration of the kinon Grouper, would be arreaded to challow.

The city was compelled to quarter McRan's troops, and to feed them as well as the five thousand man on the space ships. The pretext of distance and diverters early evolved the old general's spinion that martial how was too light a punishment for the city of the Eaduan Raid.

Yet, MoRan had not creme in pacify the planet by ferce. One of his first acts after soliding New Boston was to and measingers to Colors and Thomphilas with orders for the agents of the Metals Cargoristics to raise the techecide of prices to the former level, and even to offer premiums to compensable the miners for leases sufferent during the howards.

But thus, advances, were net with source. Such methods might have been affectual over a year before, for the others of the Moos had had little life in common. But the events of the past frow morthen had crystallized a mono-wide spirit of self-dependence that was not to be broken by reach an attranct as in theory.

When he learned that this move had failed, McEan's

next step was to the start if the moun-folk did not yield and resume alignent of metal to the earth he would kring enough obly and men to the moon to sake all the cliffs and starve the inizhitunis into weeking the mines.

The deleter all follows threat was a match to poor der. Men who had before tailed only of juit proceand charter rights now tailed of Liberty and indepenients. The million hopes to be allowed and the in the addias wine with the mone-alters, and to device mentions of destruction. The eity prevention is a state of destruction. The eity new months maintens used in the mostly minute brought up and put maintens used in the mostly minute brought up and put in putties for edorms against apprex bitps.

During that time the Assembly of Directors was making dily at Toephito. There were made at the membra dily as was with Media. But older and wist man-many them such distinguished without out decidant, Warrington, and up biolant—withing more decidant, was well finded. But older and wist that ware would mana, were determined to take the that ware would mana.

McRea had test no time in sading the trachitery in the minus under and max five Monton. A part of the ray machines had hear brought up and placed in strabudy particular about the city, to foreshall a possible wining of the ditionery. He also attampted to work the mines with his tracy, though their genomes and dimsions brought on so many accidents that he gave that up.

The had been on the sense rearly a month before the first hard wave fought in the long and terrible war be common. On Suptember 33, 2009, when the nan was rearting a south, five bondered of Milliar's small left New Bonton to same the machinery in this Prescelok mileside is housing first mile wave of the eity, near this edge and the exciter of Hippenshins. Most of but force in infantry, beneficient addition is design first response to a first set of the end of the eity set of the eity of the set of the end of the end of the eity of the either the set infantry, beneficient table.

The plan had been known to the citianny sector hours halow the troops left the city. Board level of forward parties, whose more second not to have been recorded, succeeded in petting out of the city through the verified pipes. The air dock being guarded

H Frankhod the Peareeisle mining district a down solitzy, with some of that educator. To the minere, long used to hung called upon to detend their possising from more calles or proso plinks at a to moment's notion, there could have appeared but one course of artists.

What thei course was, Harley formd, when his troops met half a bundred griny miners drawn up in a like, helding a row of atomic beering machines, on the atomi heiding that had been exceed across the great erack, or rike, three mills from the mines.

Harby tranped out before his men, and ordered the minum to disperse. They refund, shoul calm before his threats—his languing, somal to have been of a rather violent tance. Furning with rage, he yet back hebbit his enterpillar tarks, and erdered his troops to fm.

The first heart of financing rays Milds hold the minure space the heridge. Their warpent over not worky its forwards of a fixed or the start of the start of the distribution of the start of the start of the start of their companions had follow under that pittings where their an heat, when the virial strates of red and green and yellow lengt from their role weapons, percett wavestartifies of the descenational terrestrike feel. By that time, Harley had his tanks ready for action. They replied with a firsy hurst of narrow rays that laft hardly a score of the regged miners on the bridge--and most of them wounded.

Bull the little hard perimed to give way, through they might have found easy shelter in the rocks behind the "file. They kept the great rays fluming from their durany mathines. Harkey was actually forced to full backs a little. Finally his laundbering tanks forced a way across the bridge—but not until the hast of those miners had fable to beind his interview assessor.

and sale terms in inpreviate wages. The troops that sustained is not of most than 150 mon; and three of the tanks had been wrecked. But Harky prassed on without being, As he want, he found himself exposed is a continual bomkardment of agoing trys. Korzagot indices and framen, holing in crackand rile and craterpit, were using their familiar tools to a doubly one in the new track of war.

The Tellurians murched on to Feasewisk, but reached it is a very much descensionid condition. One of the shafts was taken after a hot and bloody encounter, but covineed Hashey that the minese sensit fight in evases. A little suchforcy was destroyed, but the retreat began adment at one.

That retreast enoied in becoming a mod flight. Again and again the harried and demarchined troops foil isle at mithin or ware aways by D-rays from a pask or eliff that rece hotids their route. The remaining tanks and the heavy tunks had to be left by the ways, and Harby reached the nir-locks of New Easten with little even a hundred tan.

Before the sun had set, an atomobile had arrived in Theophilus with reave of the hattle. That night, there was a long dehain in the Assembly dhamber. Enfore the meeting adjourned, it had taken the most recentricus step in the history of the meen.

The assembled Directors of the Moon Company voted that the moon was zow, and by right, a free and independent Corporation, to whose liberties the pressure of McRan is New Biotness was an insult incorcamble. That deciration of independence marked the Misth of a new auton. Heftere the moon had been murely petitioning instance. New it demanded it.

On the following day, the Assembly met again, made an appropriation of five solition credit units to defray the expenses of the war, and issued a call for valuateers to fight for the freedom of the planet.

By the middle of October, bolies of men were gatharizy in Colon and Theophilas, as well as in the dosen resulter phoses, such as Firecreek, where there were permanent populations, to go to the relief of New Boston.

On the first day of November nearly twenty theorem and near were assembled in the vicinity of Penedolin. That here's of raw rearrains, without officers, without discription, without arms and equipment, without miltary training, aven without official abulate against the law the single with quality-multilence as arms. But it did have the single with quality-multilence develops to the cause of therty.

On that day, the Assembly made Worrington the Commander-fac-Mief of the armies of the Moon Company. The day after, my old frazed left Thoophing on the incudy read toward Peacedale, confidentially facing a torrific tack-the organithm of an estimainatic mode of minary and farmers into an army, with which to face the well armed, hattle-assemed veterans of Mellan.

My own fortune was bound up with his. At his requet, and with the permission of my aging failer, I had become bus "engineer-attache"—a sort of confidential private occurary and acientific advisor, rather than a military man. I wrote a letter of fareweil to Valence. These years before the had matried Torn Deading, a brillant young fallow who had iten—and herfore his matrings at that —b be general manager of the Firerest mines. They had stayed these, when I can with my parents to Thesphilus; my hat view of my ainter had been as a promy matrixe, with a red-headed child at her mes.

1 prilowed the silver-bulked head of my mother upon my shoulder. For the heat time, I forzed, I held her dear slight form in my arms. Team were rolling down har fund chesku; but her eyes were hrave and bright as she hims im furgeweil.

And I left har-my last memory is of a slight whiff of the faint like parfume she had always used, that is associated with so many of my decrost recollections.

Father gave me a crushing handshake, a sincere kiss, and a few heartfult words of parting.

That night a swift closed atomotide left Theophilus, on the long loady road to the meeting-place of the mountainess at Pennedic, I was at the wheel Betide me was Warrington. We wore setting out on a great tack, that was to head to many times into hardship and peril, into arrave and pain, into strange adventures and berrik situations.

CHAPTER X

The Battle of Meteor Hill

The sam was how ever the black monitories that high the Brogelins carter, when Warrington and the same second second a statistic of some twelve how more than the same second second second second how support to pass the inner signs. We found that how support to pass the inner signs. We found that how support to pass the inner signs. We found that how support to pass the inner signs and the second statistic of the edge, but her widden to be with his arguing H was a diagnosis should be to tool, for we had been had be get to pass thin is had substate accordent or dehy would be fixed if we did not such as a statistation by the fixed her should be the site high ye would are removed.

The atomobils in which we drove somewhat recembled the socient valids, propelled, not by afficient and ontion atomic power, but hy the edd clumpy and urvaliable internal combustion angins, the meter car called the "automobils."

That is, our machine had four vhould, with facility fruit, supporting a source, hop-time, dyna-shaped holy. The space within the links abel was related entropy of the start of the links whole, have by the hold on source on trained the mather. The semines were little devices in the hole of the start had been subvered, and it was the start of the start had been subvered, and it was works may a lower the device of the start in which may a lower the start of the start is well a may of the start is well a may of the start of the start of the start of the start is well a may of the start of the start of the start of the start is well a may of the start is well a may of the start of the start

Nevertheless, it would be fatal to be caught out in the hunzy night. Not only would the unbelievable cold pendentie the machine, but the freezing of the air would have not be artificable avoid if he could have would have

For that reason, I mush the best speed I could down the long white read. Built of fusied reck cast is place, it was level and hard. Built of weight to the atterns inregularity of the mean's surface, it was far from straight. It curved about peaks and entern, the sugged up mountain slopes, dropped into valleys. It was a longer word. We would treap a down wile

It was a loosly road. We might travels a doars miles, or a knowled, hetwen the scattered mines. Once we stopped at a Hills settlement. It should us a low hilla corrido row of glass-atteneed towars and dones, with opent metal shaft-documes below. A great D-ray mining machine was being drayed earces the takin toward the town-- to be set up for defense, I suppose. A motky group of people were assembled about the tracters that were polling it. And a hundred near or a, in ranged nondescrupt 'uniforms, were being drilled influe the walk, marchane and wheehas entitudistically.

We get a bit of innch, and had the wathing machanic off and inspect the machine. The primal keeper of the little inn recognized Warrington. He refined any pay, and ran out to spread the news. We departed with a chearing throng of minoras recoiling up on.

As the fitch, ranking machine index weiffy over the weighting read, the nonzery changes inguildy about an Crash should rescalation and grinn myelucitous contenconverse and grew weights, restoring and websical should be detailed, waithing being and weight of the should be the detailed, waithing being and should be should be detailed, waithing be name-lefty, ranged invasitanation, should very weight as a start of the should be detailed and ranged, stranged embalance densiworld with shown prior diffica-dit nationable briefly whose where the should be detailed.

To drive was an exhausting task, to sit there short, foreing the machine to the limit of space the read permitted, accretome, it scenae, eacoping diameter only put the natrowest of margins. But I rather enjoyed Rethe perfection of the machine, the case of its answer to the wheel, the introisation of boundhas power at my financial.

As hour after we had left the mining toom, we had a pear catatropic, At one point, at the fact of a long above, the read passes through a mersow genry. As we entred, we cance audioally upon a rendy well of bouldets pilod across the readway. Institutively, I persond the probabilities, The machine checked its passel, but still maintained momentum enough to gifte us in the freed out of the care when it struck.

We downbered back to the sent and took stock of the altistation. We were both heurode somewhast; Warringtoon hard an ugly contunion on his temple with blood cosing frem it, sent I had a skinned side. But we were not sericularly hord. The machine reflocated to respond whos I pressed the butteros fit seemed to have been infured the root.

"Losk there," cried Warrington, who had been leoking out as 1 tried the controls. "The Meen-calves?"

I boiced through the head remain windows. A hadboon great exercise transition were approaching, happing like obtawal from through the yallow, splity scrub that overeal the mountainable. — mounting like ref discs the also of elephants. It was a hand of will amon-subus, whose elementary constain had but have in twy like which human hadras would have been the most attractive like.

Fortunately, we carried poolet D-my tubus. Thuy were high weapons, their focal rungs limited to two hundred yards, last cervicedik in such a cone as this Warrington covered the Scientiss on one side, i covered those on the other. He prove the word, we presend the contact levers. The narrow red rays reached out, interms and brillion.

And the great creatures fell as the searlet fingers touched them.

We must have killed four or few. There were a score in all or more. The others leapt away into the emines thicket of zown, bittery scrint, nor dry and scri in the lunar evening, and ware leat to view. We get est, Warrington kept watch said and the buildings out of the way with his ray, while I tinkered with the injurged motors.

In an hour we were on the way again.

DURING the latter course of the war, the reads were ambrakes. Military dispetches were carried methy on friendly Selenites, the lightest tructor tarks being used when the momentum were not available, though they were not half to rapid.

We had to more structure ancients, and had the neuroid of its disk above the horizon when we reached Franceida. An odd ascene, it was, to be the comp of swarty thousand more, Goly a rugged, created comporting the structure of the structure of the short is, with the while ribbon of the read running from one to another.

From the 10 because. We left the machine and were asperty welcomed by the guards from the shaft-house by us. The block shadow of the erater walls was leagura zerose the from, and already we full diffill in the thin blitter wirds that how out of the shadow toward the highly tould mountain on the contern also, earrying a few first fakes of gasew spon B.

We were conducted down into the shelt. For all their back of ergammed identification, its control that for man hole been making were and encrystal proparation for the lange creal statist. Reary model down had been are then for the state of the shear hole of the shear hole that are also been as the shear hole of the shear hole heat model. The predict of the shear hole heat are hole were taken as the shear hole hole on the shear heat were taken as the shear hole hole on the shear heat were taken as the lighting arphenes. Realisers the shear heat were taken as the lighting arphene hole heat the channel. The predict of dirichly had heat in the shear heat for the shear heat heat heat hole on the heat heat heat for the heat heat.

Within an hour after our arrival, the passages had been maded, and we had hapun the large fortalist of complete loaded or from the reat of humanity. Worington worked for long hard days, ergenning the men site computes, and teaching them to use the dender Decay tubes an skillfully as weapons as they had used them as note diminterators.

In propagating as empirison-stituched was burge concept, magnetistansing the sentred of the intriaction system of machinery that kept our mine-charits holitable, and as well, working on the details of the chargest to be made in the great D-ray rock-borers, to adapt them for use in war.

When the star want down, it hid been a more related of most that evouded mito the man-paraogra. When the long might was ended and they emerged, it was an array already whyped latto a single unit, responsive to the will of a single man, organized and taught the first leaam in dwardshow.

As some as the driving rays of the run had decred the mound line user any order of the drive transmission of the some distance of the drive transmission. New Sectors, New Se

wereas instruments or war. We cause in sight of New Boston before the run was a day high. Its giass walls and towers, flarg over hill and valley, were a spiendid sight in the stashine, with the sailed black mountains heldin them. We located our eamp perhaps eight miles cost of the sity, and cut of form it be the shearing harrow has Motter Hill. which rose about midway between up and the city with the space-port heaids it. In the little valley whare we alsoped, the off-segreen expectation was just putting up thender tendrils that in a few hours would grow to the importable uplay thickets of the amazing forests of the liture day.

Warrington had his plan of sizes well worked cett, within a few hours, had his arms, whith almost a hundred of the great mining tubes, was fiting out in a ring, fittern nikes seroor, that clevide dity and space-port. His next more, undertaken while the first was yet uncompleted, was the screighten of Mouser HEL.

From this enhance, his rays could sweep the city and the space-port at will. We higher thousand men and the remaining handred of the huge ray-bubes, we marched up the hill. Some opposition had been asported, hit only a few surveyers and engineent, who were apparently planning fortifications upon that stratucio point, were measured.

In full view of the city and the ships, our men full to work with a will. It was only a matter of a five minutes before the pocket D-reyer had cut deep trenches in the hill-top, from which the army was not easily to be disledered.

It is sense that the terrestrial commander had intensite to coccury the Mill "as none as the Emperature had molcented turblicatily." It is add that he want throws made fifty alides to noise a position before he had thought a did to have the edity walk. This was the firsh hits that add to the set the edity walk. This was the firsh hits that restrict green hits or the base had thought a vertical green hits even through they were distinguished verticals.

I way with Warrington when we task the hill. Termother standing by him, sfire we had cut hen justs for the tubes and pieced the versions in position, iaoking over agont the right. It speech over the varie, means the standard standard standard standard standard dismonstrables in the conlight, university and search stannetts and app permatic task hange share the tweenlast below the dry was the speco-pare, where the amistion of shires. Use primation task the state public of giving of shires.

Later in the war, facts of the more efficient globeshaped vessels appeared on the more.

If was not long before we now a good deal of activity on the rocky plain below our point of vantage. Scotto reported that great manoes of troops were learing the city and gathering in conyens and rawnes below the cities at the foot of Meteore FUB.

Our tokas were hardly more than in particus when great toxuus of Holding high-mecha and green and yultor-needshel to toxetad us from the walls of New Barten, and from the object in the part. The ester of the Decay dapads on the one of the three metals, gaintum, centing, and Holding, from which it is dorived. Birnler, Fukistring fingers of histons lived farge glopd men and waynow, boline them lingth wegetabars immulsectore and fields way, disintegraded, melde into achievenes. Metan bod group in he achievenes the

Our own tubes replied at once, with a great curtain of wavering light, firing largely upon the space filers, for to sweep the elty was to kill friend with file.

In a few minutes this lines of whits-cluit men were seen below, examing up the hill, ray-tubes in hand. The Tallizians were steerning our position. Warrington ordered its great tubes to be depended whenever possible, to cover the infinity advance. As seen as the trorps were in range, the hand weapons were put into action. Meanwhile, the darking narrow rays highed up and down our lines, rungring down these coupling appool, and cloudy cutting away the solid rock hefers our interface. The segment of the hill the new outputs have of the revecent and charged up the hilling in this patient as they mans. It was a herele statemet, they yable as they mans. It was a herele statemet, they doth, if and the memory how barbane into certain deth, if and the memory how barbane into certain

In a few minutes the front line of the torrestrials sume over the hrow of the hill. The fire from our great tube could no longer most them, and a desperate handte-hand could no longer and all along the line.

Our standard—it was murch a bin course of could haring a white ensount—was cut down by a Dray. The confidence of our mom might have follow with the left for a young licenteau tamoth Andrews. It exprans heldly out of the transh, scient the rate frag, and stood belowing it up werease hitterief to the future rays, mabeling out of the transh, scient the rate rays, maheldly out of the transh, scient the rate rays, maheldly out of the transh, scient the rate of the scient a start program of the list the scient a start program of the heat to

Warrington had only a few minutes to reorgenize his defense befree the attackers had formed their reals again and returned to the attackers had formed their reals fighting wani on. Bornetines the torrestrike wro a way even fitto the transfus, but the cry "Remember Andrews" scenad to raise even the falles to drive them hook.

At bant, a definite retreat was made from the Mitliko Dohamind, hild own mis fill a backy is the transien. But Warrington went thready about the task of constidenting also particles. More transhess were due, more great D-ray takes mered up from the energy. And our great D-ray takes mered up from the energy. And our family arys foll is an unbreaks advant upon the ships in the space-part, and the holtaries that protocols that and the town.

Our prelium commanded the port and the town. On Newsmber 17, 2255, General Mellan loaded the remnant of his troops on the siz of his war-fiters still able to move hiew up the other three, and left Naw Boston.

The air-docks of the city were upsaed, and julilant throags pound out and up the hilliside to velocite the mon of the doliverer. The excitence in air repolicing was incredible. In spike of all that Warrington could say, and fait that viptory was already was.

And the variety had real value, even if certimicate were indicate to exercisize the lit. Even asplicit had been shown that the mono-folic could engage the veterns trengs from courts an equal terms, that the choices for Ullarity was at hand. The pressing of Warrington and the Assembly gree Instancion, Supplies and reinfacements began to five toward New Boston from all inhabitid engines.

But, so Warrington soid sgain and again, war had just begun,

CHAPTER XI

The Eagle of Space

T was October 3, 2006. Nearly a year had passed into the battle of Metror Hill. Van Theren's fiest had some from the activit-half a knotred mikely globe-akigs of space; and Hamhel's army bad replaced Meikarh-afty thousand seasoned voicenze from the spaced of the Comparison.

For a year, Warrington has matched his inexperienced and poorly armed recrititi against that overwhelmingly larger force. He had marched here and there about the moon. From citr to city and from mine to mine.

AMAZING STORIES QUARTERLY

He had fought half a donen heitler. None of them were victories, yet he had never been derialway defauled lis greateness had heat shown by his aill in account overwhelming forces, in straking when he might derecelles the strenew with built tilt denzer.

With a matchloss tartical skill, he had ernded Humbolt's and Van Theren's traps spatn and again, miraculeasy contriving to reach a city or a great mining district in which he could find refuge, when they had kit here to reveab in the nuckt mun a deset.

As a matter of ourse, the Tellurian controlled the skies) thy were the matters of space. That gave them great advantage; they could move their troops asily and at will-and they received a stream of supplies and reinforcements from earth, without which their comusion most quickly have calingood.

It was not long before we now a good deal of activity on the rocky plain below aur point of vantage. Scouts reported that great matter of troops were leaving the city.



Yet the meen was not without as arm in space. The four small weaks lot before: Tangalita after the ramming of the Sandowi became the serie of the handin mary; and is fore former givine to emanging weaklihad been commissioned as privaters. Small ships all weak and tanking beckeasant. Eut they ware manxed by skilled and datmities men, and commanded by a hereo.-Pail Dante.

Bosse had been able to not his little fact into space before the arrival of terretarial abins at Threeholds. He had reamed the innes of space herewes earth and noon, coroniting darking wishs on the transport heringing supples. His ships had compared and destroyed a dome wassels, and had brought four perfect to the mace, laden with procedue engages of arms, chemicals, and multitum of war.

The space-period at the three great click, were, of course, eccupied to biolohide by the Tellmann flows, and Dane was deliged to make his bases of coperations: the lenstry encourse, but ones had been plants strenges encourse the space of the period is always hannoton, and requires the tumans takil on the part of the plott to hing it to us broads. But Doess had in his first mass of preserve, the instance is always hannot be the plant strenges the instance of the period is the boosy from wrocking it to us broads. But Doess had in his first mass of preserve, the instance in plants are shall be write with work the instance.

"The Tailurian had served of such difficults, to their cost, when they relaterated to then Warmingside array in the craster of Hippancian hy Landing the float cost of the server of Hippancian hy Landing the float cost of Hippancian hy Hamilton and Hamilton and Hamilton Von Thiesen had completed the mouses on the float they neural had hift the critics by the veck "back doop," a narrow revise completed Marca generality with cosplement had played have generality with cosplement had played have generality with cosplement had played have generality with cosplement had have a second result of the second have a second result.

At this time, in Octoher, 2836, Warrington occupied Throphilas. The space-pert was blockaded; and though the bootton of Humball's army was not certainly known, it was expected that he would be landed near and attempt to invest the city.

New Boston, schor Warrington's campaigns had led him sway from it, had been re-occupied by the Tellurinna, after s along of a work. Celco had here twice assaulted by combined carriage and space forces; but her eitheres had put up a heroic defense, and ahe remained free of the terrestrials.

I was with Warrington, of course, in Theophilos. I had hoped to meet father and mother there, but I found that they had bits gone back to Fireerest. Way, I did not have still be time. Contribut there essented no use in working the miss, when the reads were so turn up sud blocknick that metal could not be moved in asfety.

The Assembly was still in scalor. There were trenhies arough before it. It was becoming difficult to finance the war. Wearingshow was in zore need at men and supplies. The mace had both in plenty, but the terrestrial courted of space had a for discorptionical industry and communication that they could not be got to him.

It is bailed to many as if the war might drag on indefinitely, nutil the mean was raised. In the difficulty, the Assembly readved to real on cattick and antistance. A few years before, as the reader will recall, the Tranpertation Corporation had hear at the first of Methol. If it could cally be induced to return to the atted, hear independence neight calls the astron. APTER long debate, the Assembly violat to send a representativity to earth to call upon Transo for sasistance in the var. As to who the delegate would, how the visa Hills question. Eardinant Gardiner was known throughout the starth as will as the more for his diffuses to carrently knowledge and existing Hierhard assistability in the same ran histophic subject that and assistability in the same ran has versioned.

I have preser known fout why I was selected to be his private secretary on the trip. Certainly I wanted to go boily annugh, and did everything I could to get the appointment, but have much have been a secre of other appointent. Perhaps it was my old friendably with both Warrington and Gardiner that was me has have.

Gardinar was a man of above everyup height, madiavely hulk, with a ferm, powerhuly childed foo, and keen, positivating hiss ayas beneath thappy howse. Neve the stranger was ingreaded by the wast, reathens power of the man; he correct as area of dynamic and realities, energy, both of beep read mind. At this time, he was well pust minisk says, but the causal aya awa nothing of simulty in his secie, varareas frame.

On October 5-4 was yet in the forespont of the lange dup-distribution of 1 left Tacobilius on our memoratum minoton. Before we left there had been a danser at Worringsterfs headquarters. In the hass hright scene, ports and maps and plans, we had easten a cober meal, thirting quietly of what the was what heatopth and of what it is might yet kring. Then, with a smills and a what it might yet kring. Then, with a smill sould are used in a second scene and the state of the second what its might yet kring.

Club in light, white gamma is and pith behaves, we built cut on of the small values in the city wall. Since for a hirdeness of Gardiner's, that I carried, and our handwayness, we had no loggars. In the during hinding place of a sum that hildened and iturg, we receive studiedly away framth de right hereagh the angular proving hermitideness and and a strengt values of the second rates friend, height hidden in the horizon growth, or a rates friend, height hidden in the horizon growth, or a physicaling that hing allows the city, to keep the part beyonded.

Our way led us beyred a shiring sommolt, and over the arrise, grey, dimension description, writelike into the string grey, dimension description, and and the string of the string of the string of the way were beyond the sight of the city's plenning severes, brown has there senders. Lados passed sailt mass hous the formed a way through petidop theorem of the string shale of warming being string of the string shale of warming string of the string of the string shale of warming string of the string string string string string string string string string to keep us of the regular shale of warming string stri

Sizedily the skee, threatening harrier of the ensite will rese before an , maging or pice biseascale of feet in a togged over at least of a little hidden stations, where stopped is year is done of the little hidden stations, where sterned that the grins davk woll was almost ever a, we varaged on the grins davk woll was almost ever a, we reached it, every through the zarrow defit that has been cloved wolf that Davies. And we wolked out of

We stopped in a little have open space, where the way rocks assumed quivering in the sun's unbroken ghre. Out of his pocket Gardiner drew a little flag of yellow and mariet, which he waved show his head.

In a moment a white-diad man appeared from a mass of thorny, havenet acrub on the hillside behind us, below the frowning harrier of the black criter-wall, that rigged line of summits in a broken line against the dark blue of the sky. The fellow stood half hidden in the dull-green acrub for a memorit, captionsly receiving through tinted glasses, with D-ray in his hand. Then suddenly his meaner changed, and he came leaping

The great Gardiner! We use your atomic brater, to warm our little post here! But I never thought .----- We are at your command."

The old scientist amiled genially. "We are going to station K, to most Paul Donne," he said. "I need mooncolves to carry myself and my companion, and a suide."

"Nure," the follow grinned behind his green goggles-"Just a minute. And Pil leave the post to my partner

He left us, and ran back through the scrub to the houlder from which he had appeared. He vanished hebind it, and for a few moments we stood alone there. on the edge of the descrt.

"Wild and knely, isn't it ?" Gardiner remarked. "I lived on earth for years, in my youth. And I can never get used to this again."

"Harsh and cruel enqueh." I assented, "And yet there is something alluring about it, mystery, romanes,

"Yes, I have folt it whave even wished I had time to to man, and yet the very difficulty of this life has made the moon poople what they are."

Suddenly a great many of coralline cartua-like growth mouth of a eleverty hidden tunnel or envern. From the shining metal saddles stampped on their broad backs.

On the foremost was mounted the man to whom we had spoken; the two others were for us. The guide flung out his arms in a curious gesture. It was cought taneously, their long spidary legs bent, they crouched, and then their coloesal, sealy red bodies were entepulted into the air. Down they came toward an, vart scarlet clephantine creatures, hopping like grass-

Obedient to the gestures of the white-robed rider, who merred a mere midge upon his gigantic mount, the last hero landing so near that I had a momentary fear ree insyntably. Those even were very strange, very

The huve rod thing best its arondhing legs, bringing its glistening, scale-armored, souriet helly to the rocks. A lass carried me to the metal saidle. Franklin perwitted the third monster to lift him to his seat with

"Hos-Ayas! Hos-Ayas! M'Ob!" his donp voice rang out in the ringing command. The vart bodies baseath swept through the air on a high, swift flight, for a hundred varids or more. Then down to the rocks, a anider resking of the saidles, and another great bound. Assin the guide called out his chanting ory, "Hoo-

Ayon," and repeated, in an affectionate voice, the name of his mount, "M'Ob." And another I recognized both beast and man. The follow was Jenkins, the curious man of the depart, who had discovered the Firecrest mine, and sold it to my father. As a boy, I had rather West the short, sun-burned fellow, in suite of his roughnore. But it was many years since I had seen birn.

AS we swept through the air, the three great beaution learning abreast. I called out to Jenkins and told him who I was. He seemed oddly pleased, and profassed to think that he would soon have recognized me. He made enger inquiries about father and the rest of knos was hantelly married to Tom Dewlinz-It seemed reconcrting trip a few years before; he told me, "Tom's

Presently the old scout began a long-winded account of how he had come upon the Firecrest prospect, but my experience was ap novel and exciting that I soon

There are few more thrilling ways to travel than upon the back of a Selenite. One sits in the little boxlike metal anddie, with the hright-colored sunshade above him. He gives the signal with his hard. The simpler less of his vast mount bend, the armored red holy sinks almost alarmingly. Then the spring-8 long, deliberate surging sweep that sends one on a lefty fight of a hundred varia or more. One mounts swiftly, plunges delightfully forward through the cool air, setties easily to the surface somin, ready for the next rocking leap. It is a splendid means of travel, affording margelous sensation and superb views of the moonatare. And it is aurorainely rapid,

Like great, barrel-bodied insects hopping, our Selenites carried an swiftly into the wild regions west of

Vast slender mountains, baked and blazing in the sunhubt. Cracked, stony deserts, wild ravines, ebonshadowod craters. A pitilens contrast of blinding il-Impination and mysterious shadow. Here and there a soluch of vielent color-seariet lichen, purple porth rich-blue mosses, patches of emerald green. And above all, the sky was a bluish black, set with many plars even

Leap . . . Leap . . . Leap. Hour after hour. The weird panerama of harsh and starting contrast in form and color, in blasing light and profoundest blackness, dropped, slid beneath

I gazed about, ever enchanted. I was lost in awe at a vnst majestic beak, crowned in solar atlendor. I exclaimed at sight of some strange shrub, bright with a foliage of vivid green or startling magenta. I was startied at some quick, stender, leagung thing that strong up like a flash of living color before us, to vanish

Gardiner had his notobook out, and was recording observations or speculations of same kind, I support,

Lean ... Loan ... Lean

I grow sleepy in the unbroken heat of the sun, and doped at we swert through the air, farred into wakestill near the rocky, and laden with sharp, strange odors.

At last, my mount failed to rise again, and I ast up sheepily to see what the matter might be. My compenions had come down beside me. Before us, a onerter of a mile away, rote a ragged normitain wall. Below spiky plants, dotted with purple and scarlet trees, and

I turned my head. The towering walls rose unbroken all about us. We had entered a crater through some concealed passage. The high-rimmed cup was not a ttile across. The whole floor was densely envered with

And in a little rocky glade bealde us was a space The great mbore, nearly a hundred feet in diameter

lay on a bed of rocks, where it must have taken unusual skill to hand her without disarter. The unner nart of splotched canvas, to conceal her from the even of the terrestrial fleet. Below the edge of the cloth was the name, standled in high gold letters, Eagle,

A few yards from it was a circular opening in the rocks, closed with a low metal door-the mouth of a ahaft. And a little distance away was a tiny cleared patch, covered with rows of red and green plants, the garden, I suppose, of the ship's crew

No one was in sight when I sat up. But sufferily a sentry strang up out of the tangle of vellow acrah a

In a moment, a man sprang out of the open air-lock of the weasel, a dozen feet above the ground. He landed with cat-like grace, and came bounding toward up. A striking figure, truly. Face thin, with him even earlenearly a white topi". Body tall and spare, dethed in clean white ducks, and girdled with a much of brolliant red-a memento, that, of what the hero's earlier ad-

"Gardiney! My old school-master! Welcome to the

A smile of real pleasure lit the great space-captain's han brown face. Instinctively I paid my homage to this great here of the yold.

In a few minutes we were in the bridge-man at the top of the ship-a wife space, covered with a low metal dome in which were a hundred little windows. In the center was a circular table, built about the aris levera, signal lights and buttons, and with periamore screens that gave the view in all directions. There were the telegraph disks for communication with the engine room, and the telephones to the D-ray decks, the ting courses. Quite a complicated set of instruments,

Doane's second officer, a lean young chap named Bris, tered. Doone presented us warmly, and rang a little geng. In a moment a white-clud steward entered, with glassen, riphon, and a great fagon of Dospe's favorite beverage.

"Doare," Gardiner said briefly, as he set down his glass, "we must go to New York," "To New York !"

"Exactly."

"You know there are certain risks ?"

"The danger is inevitable."

"It is not trade, of course; but you are a statement,

"The cause of the revolution demands that we treat with the Directors of Tranco."

"I will get you there if it can be done." "Geed.

When can we start?"

The interview was over

"A oth his or holme, ergenetics in India, wors as a promotion and an

CHAPTER XII

A^N hour later, as Denne had promised, the crew of two hundred men was aboard the Suple, the canswiftly out of the fantastic yellow forest Swiftly the blue-black sky grow blacker, and tracking

of pehalom star-dust cropt out among the brightening stars. The sun, driving intense shufts of fire stenting wonder of livid, winned, white flame. I donned my tinted glasses and viewed it ... a great subere of whitelight, marked with the redder sun-spots, with the ser-

Doane had crowded on all our power, in the hope of gotting away without being observed by the petrol. deck, that used as I was only to the feeble gravity of the

Gardiner and I were alone on the bridge with Doane and his first officer-the men were below, at the maover the great round instrument beerd, Bris, our main in nervously pacing the dock, stopping to gaze out first

Doane suddenly muttered a low exclamation, and began to manipulate the telegraph dials before him. He called Bris, gave him a cuick command, and the which plotted the course. I felt the ship swerve, and our speed seamed increasing more ranidly than ever.

"Look," he said

I paired into a ground-glass disk that was evidently the objective of one of the telescopic periscopes. In it, against a field of utter black, were two hright points of fire, far spart and apparently motionless

"Those are two war fliers," Gardiner told me. "We see the sutlight reflected from their halls. They were enables us to avoid meteorites."

"The indicator shows that they are approaching us at almost a thousand miles per hour," Doane added casually. He seemed undisturbed, bending over the bewildeting array of instruments as calmly as though no

"How far off?" I questioned.

"Three hundred fifty-one miles." Deane said. "And if they are Van Thoren's cruiters, so they must be, their maximum acceleration will be somewhat above our own. We have several brors, though." Presently I want away from the table, where Deane

room was a strange piace, dark despite the thaded lamps shove the great round unstrument board. The narrow bissing shafts of suplicht glanced blindingly on the floor, hardly assuming to light the rest of the room.

Donte had abaved me the little dials that indicated the distance of the pursuing shipe, and sometimes I the moon had shrunk from a weird, ranged plain to a hright mottled sphere that seemed to hang very near in the night of space

Presently, as I was pacing up and down. Byis, the mate, touched my arm

AMAZING STORIES QUARTERLY

"I'm going down to see the men. Care to go along !" I did care. Anything to relieve the strain of monoto-

near insertivity was welcame. We elimbed down through a reard manhob to the D-ray dock just below the bridge. A great director gauge, rimmed by the will of the ship. All about the edge, in a ring, were the heap ray projector, strenky-four in number. They decreed in readiness, pollished and gleanang, with the errors of three man each, near them.

It was various to rote the eccentration of the room in the present percenting of pert. A few were builty polibility that's various, as if these were their pratoslows. A few were tooling about, whiling, chatting or marking, as if they had no care in the warif, Two or three were reading in seriad eneurons under their pletes, and was years follow samed to be writing a or chance, thin's had in a within enforced one were gathered in a ring in the senter of the deck about the reserved they can be senter of the deck about the reserved too.

Bris called them to attention, delivered a few words of cheer. He toti them that Franklin was absard, that his fato, as well as the prelable fatos of the moon, dependied on their bravery and coefficient. They responded with a cheer and then fell to singing a rouch belied of

> One mounts swiftly, plunges delightfully forward through cool air, settles easily to the surface again, ready for the next rocking leap.

one "Hose Varney, free rever of space." Their rich, mellow veices, swelling up in that old pirate song, carried an infectious spirit of youth and courageous enthusiant.

We list them, as the prior efficient wave petities, generating that. On doors were listed to be been been been by the prior petities were been been been been by the prior petities were been been been and complicated masses of theologies, whitting mathere. The results when this control the quarter bears may be an end of the prior petities of the there were priory explosion, standing balls that were have any perior of the prior petities of the there were priory explosion, standing balls and the wide thank much be possible to be used to be wide thank. Even they seeme to take here

Through this, we chambered down the long ladder to the lower D-ray dock, where there were tessety-four more great titles, and severy/dre willing mm. Below this deck, at the pole of the applere opposite the tentred room above, were the projectors of the atomic blast that hards as through spans. This repeats this repoch, the men movel to their stations, and we returned to the hidden.

The pursuing filers had gained soventy miles in our absence.

Another hour west by, with our ship plunging earthward at the limit of its speed. Now the other worfites were but forty miles away. One hour more, I thought, and their wastly superior armament will have awapt us out of existance.

But I did not know Paul Doane.

I was standing by the little round disk of the periscope, watching the two points of fire that were the ships. They were very bright new. Suddaugh Danas learned forward to a bank of keys, depressed a group of them in a certain combies pathem.

I felt the Exple lurch a little, heard a second like the firing of an obt-followed cancer. A few minutes later, the projectible he had fired expleted behad us. Wildle luminous cleasis spread from the quick location of fame, grew mill here were was masses of mills, bidling the ethor filters and filling the sky with an epskessent entrata.

(These projectles were the Zistr space-screen bombs, which form vast clouds of electrically charged particles on space, its in part by the sum, in part by the radiosolitily of the constituent matter. They are an impertant item in the attractor of mace-firshing.)

When the forming clouds had grown large amough to protect us from the searching telescopes of the other thips, Dense cut of our acceleration; and we firsted a few miles hook of the cloud, waiting.

With the blast projectors shut off, our sensetions were the querent. Gravity scened suddenly gone. We floated in the air, polling curretve about by hand-rails, or walking only with the aid of magnetic about

We waited for the war-fliers.

Suddenly, at the same time, they harm through the laminous mist accrea, planging carthward so fart that they pause beyond us, one one sole side. The Edole was ready, with a pils turned toward the path of each, A kereshile of rays from our upper D-ray deck amplifices of them, and the other found itself the target for the tubes of the lower deck.

The Tellarians must have been taken scenewhat by surprise, supposing Deane to be seeking flight beyond his mitt-screen, for their fire was delayed and ineffectual. It was, evident that our rars had done serious

damage, for the silvered reflector screen was cut in great straiks from the thips, and the naked plates beneath were bested to incandescence; and the propulsion machinery of both scemed origined.

T have no doubt that Paul Denne would have wen a complete victory if he had anayoi to fight, but he was intert not on victory but on excape. Before the original vessels could turn, he had driven sur ohip into the wast lammous cloud. And a measurable were out of it, on the other adds, and sweeping toward earth again.

Either the other ships were too hadly erippled to fellow, or they searched for us in the cloud until we were beyond the range of their detectors. They did not follow.

A day want hy, and our hearns showed no sign of pursuit,

In the long days that followed, as we were burrhed through the finatuski, ketsky denoisian of infinite space, I speet much times in eliministring about the holders and outwaffer of the shift, stem belower on the stemling friends of several numbers of the stew-white were finith in Utilis talimants they carried to wand off the becaused terms of cases.

One must bail a more-acits sancht taba, pohlaed to a star darfa dis. How we is a patiation data, net never a star data. How we is a patiation data, net never other phend his furth on a frammeric of a mitsevite taba has starehow star data taba has a vision data has a starehow star data and taba has been torwise. And there was a star period character who has not ready the data taba has been to the star warrier (h. His had uncreated an guarding the star warrier (h. His had uncreated an guarding the star a star had been inpired in the thousand period to the a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the training the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the thousand period to the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star has a star had been inpired in the star had been inpired in the star had been inpired in the

Gardinar was utilizing his spare time to write a nonograph on his latest work in obstreemagnetic tilration, and i helped with hat, taking dictation and versions his notes. He was one of the few men of great intellect, whose gardal geod-asturs and unfulling cheerfulness makes it a gheamure to be now.

And, as we spod through space, I thought more of the girl I had met at Theophilus, who had called hereaft Mary Jons, I wendpend who also really way, where isk had gree. I wendpend who also really way, where isk had gree. I wendpend who also really would find that I loved her as much as I felt that I did, if I should ever see her again.

There exerned attail chance indeed that I would meet her on earth. But I had always imagined that she had none back there. And I had a lover's optimizes.

I spite of our delay during the bettle with the warfilters, our passage was unnearly short. It was just integen days after Gardiner and I had left Throughlins that we entreed the carifur strongbare. On the sight of October 32, 2335, we extered the air, over the North Atlantic Ocean.

Landing had seemed to me quite a predicts, in secrecy, at highly and on a strange pinet. Bat Paul Doom did not seem at a leas. He took us westward, at an altitude of seeme fity miles, until the lights of New York City were visible like a great fishe of silver fire in the darknuss helow.

Then he slanted down, reaching the ocean a few miles of Long Island. Landing on water, of course, is a far simpler matter than coming down on the grael rocks of the moon, though the vastly greater gravitational pall of the earth complicates the matter somewhat.

And the gravity of the sarth, six times that of the more, was a very serious inconventince to our own movements. Even with the Easier resulting still on the when we had been associations within all our power, in space. Seath had been provided in the bridge-sector, and feeling heavy and uncomfortable, we all made use of them.

Our voices sourched increasingly leval, as air was rowly admitted to the first or raise the horemetric pressure to that of the new planet. Not only does the basive air of each carry cound before than the atmosphere of the moon; but our multivery and would organs were adapted to the raises size. After the heading, I had considerable difficulty to here any which leve cound to the teneor operations are more the terrestriki.

The great shall drifted inclowed under the merced impulse of the blant, multi be dark lims of the band was visible through the muricy air of earth, a half mild, short-metha men produced and kineshed a simal, short-metha works, which, I suppose, bod been built during the works (which, I suppose, bod been built during the works (which is the supremer.

Garillor and I stepped into 3, after the corress was abcord, abaking hands with Datas. In few minutes we were impled on the same, and the man took the boot hack to the dark mass of the space file. Watching we saw the mercest wing of informer maint spatial toward as from where it has been, and it was best in the night. "Where is he pring." I maked Gardinger, my votes

"Where is he going " I asked Gardiner, my voice unexpectedly lead in the dame air,

"He intends to hide the ship in the north of Greenland. He will be back here three weeks from tonight, will and the hast to take up up."

My annualizes were the proceed imaginable. My memories of the earth were but actitered and vague, and whos I had been taken to the meco, I was to young to appreciate the strangeness of a trip between works.

The pravity of the earth gave my lody a leader workst. Accurational to travel by great efficience by brands of mergy yards, I found it difficult to pick my or feet. The dir feit appresentive, abow, maints: It was a squassing pressure on my chost. And my some of equilibrium was afficient, for I reded and winnbild, and had to sit down on the saind. Gardiner second to be sufficient as much as moved.

"B's just the gravity," he said. "It will pass. We will be acclimated by daytims."

For long hours we not there.

All any manufacture were intensory, but I thick the strengest thing was to be out of down at eights. I could out extended be an early of down at eights. I could out extended be based of the down. As we are there, I loaded at the stars. They were con routed by all hights like theor of the meson, the side in accurracy has a star of the stars. The intensor is an any energy hask, and not of the stars are always extended in the star. Other, iso, were strange. There was a sufficient of the stars are unstarily at any star rough hask, and out of the stars are unsupported at a star at the stars. Does not of the stars are subsystered at the star. Does not a star stars at the stars.

Then came survive. Not a solidan hurst of blinding dre, bet a symphony of changing, nutlifithing and a solid ing abades of liquid light, wenders of pale dawn-doud, theids with solitest gold, mirrades of errinors and parple, spiendors of deepest asure of gorgeous gold. A raddy gon was hore from a soa of molits piley.

And we rose from our seats on the sand, two strangere on an unknown sphere-with a wast and perilous mission hefore us.

CHAPTER XIII

The New York Negotiations

THE basch on which we had landed had seemed tory locally by night, but it was not so by day. A half mile above the watar roas the colecal pile of a building, endeed in a pilitering armor of gias, semwhat like my familiar cities on the more. But this edifice was itender, and two hundred stories tall, with a fut laming stuge upon its summit.

All about in the grounds were beautifully landscaped; bedges, lawns, and champe of flowering trees, scattered with fountains, golf links, and promension, extended down to the basic where we stood.

A mile forbir on was another was building, and to the right of that were two more sheadar, towering atrotures. And there were more beyond, the further consdwarfad by distance, and blac-file, far-off hills. All Long fisland was acattered with them, and the land beyond the Scand.

The countrilly tended pleasure-gardnen were incredible by beautiful to one form the drear worket of the moon, bright with the jumurist energial vegetation of eiternal gentra. With elimatic control, which bumdless storate power had made simple on earth, through it is impossible under the wark jufferent coefficient of the moon, watter has not cause to New York for a kundred years, and orango treas bloom in its parks.

As we attribute up the silvery beach, maker an oddy wild and genical san, lote is the wondrars of their unfamiliar world beneath a blue sky so bright that the stars could not be seen by day, ho glace swelts. The glassifier winars of sirginane flashed across from landing table to binding tinkey: and the parkings were seen days to be inding tinkey: and the parkings were seen and dhouds with the highther parments of a few young likes hand no moraling coarcies.

Our tun-behavis and interval white gammenty must have made us rabber complications, for I measureher one bleas-eyed old fellow, who was running a whirring submatic moving makins, who torgoed and interval at us a 'tul' mianto as 'we walked past birs. A bit farther on, a 'tul' mianto as 'we walked past birs. A bit farther on, at a goal farth with tenths routs benched with a blaze of orchid bloom, we met a brightly dressed young man at a nyp aftr, with tenths routs the math.

"Hells, there my men. What's your iden ?"

Taken rather abuck at this uncalled-for question, I looked at Gardiner.

"Tranco. N3D. 186 kn R." The old scientist answorod glibly.

"Yes?" There was a note of suspicion in the youngstar's voice. "Then what's the matter? How'd you owne to be in a yig like that?"

"We're been in the Sahara. Prospecting. Acrodropped us on the beach at daylight." He fished in biapoint, draw out a filted size of stereped aluminum and extended it to the follow. "See "1" "Ten, dien, all right, Tranco. NSD. 136 kn 9."

"Yes. Iden, all right. "Trance. NSD. 136 km 9."" He handed it back. "Looks all right. But you had better watch out for the information gaug."

He turned to the girl, threw his arm about her familiarly. They strolled on over the bright garden, turning, once or twice, to stare back at us as if any pictors of our parts.

Gardiner turned to me. "Idle pleasure-sectors?" he muttered, a little contemptusts. "What would they do, set down to farm a crater on the moon?"

He handed me a little disk of that metal. "Identifeation tag. What he called an iden. Everybody has to have one. It tells what corporation yeu belong to, and how much bay you get. Also has your bidenification number on it. A man is ranked socially by the amount of new shown on his tag.

"And as the young man hinted, we must be careful. Motais has spice everywhere, and we lumarians are fair game for thirm, to be treated as traitons if eaught. We will be cafer after we get inder the protection of Trance. But we much get to town at once, and get on different dethics."

We walled on zeros the aright, unfemiling partons to the vart pile of glass and steel. We passed beyond the externed lawns and masses of gay thrahery, and remord the zeros talling integraph proving jobers. An elevator note and an anoma to the humans lawns, a few humbed for black the surface, where we found a dragosofic shap. Gardiner was well supplied with Transrest vocabers; and note we were attribute in the failute stable. Since the surface stable stable is a stable with Gardiner constrained humself with a dark green stable, with shape much set.

Then, at a higher level, we found the disingercoms and had a breakfast of synthetic food mixture, served with orange juice. Having eacher, we purchased a new strip, upon which the happenings of the last few haues were recorded in the modern printing shorthand, and took the elevative to the roaf.

On the handing stage there we engaged possage to the hulding on Mashattan Island which bounce the executive othere of Tranco. Gardiner, resulting the paper is the swift attention of filer cut allustly through the sit, assured not that nothing was and to indicate, that anyone had seen the arrival of the Eogle in the earth's atmember.

In a few miniples we had landed on the great, threedecked stages of the Tranco Bailding, one of the hargest in the world. Two hundred and sevenly stories high, it overs sixty acres, and is the capitol of one of the largest corrections in existence.

We dropped by elements to the Gore given over to the Baard of Directors. This provide a worklobe palace, of broardfold ancidencies, finished with a spiknoir that the spiknoir the spiknoir spiknoir that there in the Bittle galax cells before the effects of the diministrie when they guarded. Gardinate did not with the likelyse our identify with the hall karred constituing of the suitable of the septement losses of the super in authority of the spiknoir spiknoir spiknoir the spiknoir authority of the galax we way entitory and the spiknoir authority on height a we way entitory and the super in authority on height a we way entitory on the super in a substrity is blag a we way entitory.

B UT at last, in one of the long, bright-lit, oplendid halls, which had moving ways like the streets of the moon cities, we met a little wrankled man, who openang to greet Gardinor with an eagure redukantion.

He was, it seemed, one Robert Bake, himself a Director of Tranco. A man of seintific interests and aspirtions, he had long known of Gardinez and his brilliant work, had even met him at scientific gatherings in New York, wars heden.

He income distinction to meet the old acientitit. He hearried us into his sumptrovaly furnished office, and inquired about our business on the earth. Gardiner lost no time in telling him the object of our visit. He could give us on atturnance that Trance would be willing to break the peace with Mithals, but he assured us of the cordial intensiable of the corecerstice.

After a time here and the dependence of the efficiency of the theory of the temperature of temperature of the temperature of temp

He gave orders that we were to be treated as honored

gretto of Tranco. From lais effect blar took us to another where we were given spopport hash would insure our general ander. Then he carried us not be his mode us sign with hiss. We insert is the insteaded in tability of the hiss. We insert is the instead and derivative had inter discussions over my friend hatest work in space-saids. The moreograph was read, and insteadment in the instead and the other two mere concellations in sources.

We saw Lewis again. He was certainly friendly couply and I knew that his bat withshe were with the insurgents on the moor, for the revolt threadend to break the power of his greatest energy. But his memory of the war of 2507 was no atrong that be hardly dared to take any once atton.

One day a mething of the Directors was called in the spacicas and magnificent auditerium in the Tranco building. Gardiner space before it, making a powerful appeal for the cause of the most, streaging not only the cause of right and human likerly, but the advantage to Trance is having a free corporation on the moso, will which it could trade on an expanying with Metals.

The Directors were doubtful, some of them frankly afraid. The meeting presently broke up without having some to any definite conclusion; but the case, we understood, was almost horehow.

But Gardiner was not sets to give up easily. He single at week on the project. He saw United offens, and was notst coeffidily received. And cometimes I warrand the combents in its outer office for its line gives while he was use known, hit peptiantly because immense. He was a line at the great social affiring a great exagery a could for he the most social affiring a great exagery a could for he he most social affiring a great exagery a could for he be first firsthess of the time. But he do not then its the first firsthess of the time. But he do not must be wark standing tween down of the dimentic on the first firsthess of the time.

That men were willing to little is list stillast till to to first/b link to their sides obsidi functions, did net maan that they were willing to go to war for the same did as more. After we had keen on the earth the days, the Directors had another meeting, influenced, perlaps, the directors had another meeting, influenced, perlaps, the production of the same state of the same "like the same state and the same state of the same "like the the of peace and friendship" that bound them to Metha.

But even then, Franklin did not despair. Baker was still warmly friendly, he was still an admired and welcome growt in social sirelas, and at the diffeet of Lewis. He had met a wealiby young man, Lafaliette, the head of the Chicage offses of Transo, who held a deep derotion to lumar likerty. It seamed that Transo might held us secretly, if also dared one do so comby.

One day, after he had been to now sort of secret construe in the offices of Lowis, Franklin returned to Bukr's spike, where I was waiting, with his smills of coouragement on his less from . In reply to my engor inquiry, he said:

"Nothing definite. But a chance for something that will be worth a great deal to the more.

"You remember the war of twenty years ago!"

"I should. Father was almost killed in it."

"Then you have that Tranco had how hulling spacefluer. One before Various had hold them an invention of his, a proceen for using gold to generate the stends that for proceeding space ship. The experimental thips were discovered by Metals, wiped out. Variou and all the men working with him were hilded. The secret of the discovery was thought to have died with them.

"But Vardon left a widow and an orphan child-a wirl. A few days after his death, they vanished. The information service of Metals hunted them for years. and Tranco officials, suspecting comething, joined the

"Until a few years ago, it was not known why Metals withed to locate the mother and the girl. But last year Lewis received a communication from one Leroda Varthe gold atomic blast, and offered to sell it. Lewis had her come to his offices for an interview, and had an investigation made of her claims. He is satisfied that

"It seems that the matter was brought up before the their previous experience with the invention, they were afraid to make any attempt to use it. They endoavored units-the secret is worth a thousand times that, of courte-and the penarious Assembly, not during to use than a half relikton. Nothing came of it except that the

"And, John, Leroda Varden is now in New York, Lewis has arranged for Bakr and me to call on her tomorrow. It is possible that we can make some arplans. And If we get it, it might be possible to build a fast on the moon, in which the blast-projectors can be

"And once we have a flort, so we can communicate with earth, I think we can get belt."

THE next afternoon we flow out to one of the great buildings on Long Island-the very one at which Gardiner and I had landed. With Bakr as our guide, we descended elevator shafts, and glided down moving ways, and at last stopped before a door at the end of a hall, where there was a huge window looking out upon the green expanse of the ocean of earth

swang open. We stepped into the vestibule, where Bakr left us sented for a moment, while he walked on into the next room. In a few minutes he came hark and called Gardiner, and they were both gone for a time. sected, though I had a rather strong curiceity to see

At last the door swing open again, and Bakr came into the little room, with Gardiner at his beels. Gardiney was meaking back over his shoulder in a hopoken toge:

"No, the moon could not possibly pay a million unite."

"But it cost me my father and my mother. Because of it I have been a fugitive, a hemelese wanderer, hounded by the anies. And I must be paid-"

That volce was familiar.

The sound of it brought me a queer, eager thrill Then I brushed Gardiner and Bakr solds, and rushed

Before me stood the girl I had known on the moon so Mary Jons-the mystery girl, who had vanished oo sufficient. Beautiful as ever she was, tall and slender. was a gleam of moisture in her eyes. There was somethe seas of earth.

I arised her white forearms, looked into her dark, shining eyes.

First she bried back, in surprise. Then a sudden light of incredulous gladness flashed over her face, and

Her arms trembled in my hands. She closed her eyes, swaved a little toward ms. Then suddenly she steeped less, overcome with a queer, tingling delight

"Mr. Adams," the girl began, trying to be formal. "I am glad_"

Then also seemed to choke, and stood with teers beimwardly, held out my hands. She thrust out her own alim white hands, uncertainly, as though grouing

I grayned them, drew her to me. She trembled vielded. Another recovert, and she was in my arma

A few minutes later we were sitting together on a divan at the end of the bright little drawing-room. side, before they ventured to come in and interrupt us

Then Lords Varion tround herself a charming hostess. She went to a panel on the wall, pressed the buttoes that brought a great tray of delicious refreeb ments up the service tube. I confers, however, that I have little idea of what those deboacies were; I do not remember whether I did full justice to them or not. Presently we left, but not until she had promised to

so with me to one of the pleasure-palaces

We had, as I remember it, a gorgeous time that evening. The datails, perhape, are a little vague in my mind. I have no definite memory of just what we did. There was a theater, with a silly play, no doubt, and a surper afterward, and probably we went the round of thing was Loroda. I was intexicated with her charm. her heauty, her vivacious wit. How I treasure the memory of those has memories in the filer, as it brought

I hade her good-night at the lift, but not until she the bright, fragrant beach-gardent,

I planned to make the most of the eight days until Paul Doans was to come back for us.

That night, when I had flown back to Bakr's apartments, where Gardiner and I were staying, I found waiting for me a sealed note, addressed in Gardiner's flowing band. I opened it to find a brief message in his shorthand, fine and clear an if printed

"Dear John," it read, "I am flying to Chicago tonight, with a friend. Will return in time. Enjoy yourself

let warry interfere with following his last injunction.

CHAPTER XIV

The Secret of the Cylinder

THE days that followed slipped by in a sort of golden mist. Leroda and I were together mail of the time. Welking together, we explored all the green fairyland about the great building, discovshrubberr where we full delightfully alone. We lunched and dined together, and danced afterward; from a privata box we witnessed the changing wonders of the earth, on the "storeo" picture screen .-. when our eyes were not upon each other.

And one day we hired a little flying boat-a tiny

markine of bright aluminum, with wings painted red; it was driven by stomator. We had a cruise of delightful advanturs down the Atlantic seaboard; and spent the night on a great floating pleasure taland, in the warms

Perhaps the recreations there were artificial and machanical, but we had a most delightful time. The paradise.

After a day there, we returned to New York. The observing little machine, with sig-foils folded and atothe air at nearly a thousand miles per hour. Lerods nat heside me in the little enclosed ouckpit, her slight, warm body in thrilling contact with mine, managing the controls of the little machine with uncontaison akill.

Suddenly the cut off the moter. We dropped in a long are toward the bloe, sun-bright Atlantic. Swiftly, the air-spaced indicator and the altimeter dropped toward zero. She watched the instruments skertly, presently switched on the landing belicopters. The little vessel struck the warm, glassy surface lightly as a hird, floated buoyantly, rising and falling a little on the swell

We were utterly akno. The white flat desert of water stretched about us, glittering in the evaning sum, broken only by a this green line of hand in the west, with a gray mudge of cloud above it, that was flame-

I turned expectantly to Levola, to find her blue aves

"John," she began slowly, "I have comething to tell

"Let me kiss you first," I demanded shearfully,

sober manner.

"I have a secret John. It cost my father's life, and is father's investion-a new source of stornic power. It is worth billions to the earth, for it would make over all industry. I have tried to sell it for a more million units. It is worth a million times that; but after the terrible buy it. They are afreid of Metals Corporation.

hur-when you came to me. Of course I can't carry such a thing with me. The spits of Metals have been on my trail for years-they would murder me cheerfully

"Father gave his namers to mother when he want away to build the ships for Tranca. I was a baby, then Father knew that he was doing a dangerous thing; he had warned my mother. She slipped away, whenwhen-it happened. She hid the records.

"Sries husted us. Metals knew that if they could get the secret it would make them the most powerful cornoration in the world. We were poor. We had to go from city to city, with the sples always after un-We had to take faise names, to live in miserable tenements, to wark for our food. When I was ald enough to understand, mother told me all about it, told me where the plane were hidden. And she sold it would he mafer if we were not together. She put me in a school, and went away. She sent me money regularly-

"I was trades wears ald when they cought hey. She managed to zend me a farewell mettage, and her savings. She told me to go to a school on the moon-it would be safer there. I don't know what they did to

"And on the moon, at Threphilus-" she smiled

"I found you," I supplied.

"And because you followed me home. I imagined that you were a suy. I could not trust my heart. That is why I left. And then, a few days ago, you came with Gardiner, and I knew-"

Blue eyes were laughing now, through her tears. It seemed the psychological moment, and I took her in my

"But the secret. I must tell you where to find father's records."

"I'm giving them-to you, John."

"Oh! But you mustn't-

"It has been a carse to my family, anyhow; and it probably would never do me any good. My mother scaled the papers up in an aluminum container, and flew with them to the asland of Tobago in the West since she told me where they were hidden, but I can still hear her words;

"There is a rock with a pinnacle like the steeple of a church, with a hig round boulder beyond it. They lie in the sea, off the end of the northeast tramonicey. The cylinder is between them, lying on a rock hottom, about a fathron deep at low tide."

That's all I remember, but you should be able to find Now repeat what I said."

I did. "I'm sure we can find the spot. Doans will have charts. And if we win, you will be paid-" She storred me with a kiss,

In a moment she moved the switch that set the helicopters spinning. The little mathine rose off the placid ward again, high in a warm blue sky. We taked of many things, but not of what we were thinking of most

THAT night, when I arrived at Bakr's spartment, I found Gardiner returned from his Chicago trip. Though it was not early, he had a light going in his room, and was hant over a table scattered with loose

He stood up as I entered, greeted me with a smile.

"He is Lafellette. Head of the Chicago branch of Tranço-"

"I remember. We met him the other day."

"He has been a friend of mine for years. We had a delightful visit. And his heart is with us."

"Will he he shie to help the moon?"

"He would like to. He's rich enough. And for that matter, Lowis might advance some funds. But there access to he no way to get surplies and men to the moon. If we had a few more shine..."

He did not finith, but stood in the light, staring

"And it is tomerrow night that Doane is coming," I said, suddenly appalled at the nearness of the time.

"It is. And we're lucky if we get away without a errap. The whole world knows wo're herr, by this time. of course. And Matals has spice on us, in spite of

"Then we're watched?"

"There were two men in this room when I came in, going through my luggage," he said grintly. got out through the window. Nothing for there to find.

"Have you notified the officers?"

"I thought it hetter not to. We are slrundy under the protection of Tranco. To raise a disturbance might precipitate trouble. We must go tomerrow night."

Presently I told him about Leroda's gift of her fathet's great discovery. He seemed pleased, but much has surprised than I had expected. He scen fail to work again; be was still at it, late in the night, when I went to had.

On the last day, Leroda and I were together all the time. We tried forerably to a muse ourselva, to forget. But the hour of parting stared us in the face like a dreadful specter. A great concert and the thrills of a resher rate failed alive to take our minds from the dreadful results.

At dark we nervency ate a fittle hank, and then willed in the monthing ardress-looking up at the golden motified workd, on which I must go to war. And one of the second start of the second the strength ings the cost and by beauer from the second the strength radiance that full upon us to a making food. But I found it impossible to be still; something make no wark to transp up and down. Lareak assend to theirs my distingt to each them in a sourt of deprecision.

I was to meet Gardiner on the beach, at midnight, just after the half-moon had set. We would wait in the darkness for Donn.

The time for parting cases. A slight chill had faller upon the particle, and the criter air was lightly storated with the forwers of earth. A thousand stars twinkled fieldly above the western horizon, red and wavering in the heavy air. Lerois, was a slim while fource in the heavy air.

"Good-by, John," she said. "I hope-I hope you can come back."

"I will-" I began, but a queer tention came in my threat, so that I could not go on.

I put an arm about her white shouldars, drew hor to me. Her eyes were shining to the darkman, and warm lips corne up and fourin mine. A fragmant whip of hate drifted agriant my check. Then she was suddenly sobhing and clinging to me. The tremors of her shight body gave me quertly mingled pleasure and puln.

Then she thrust herceld flercely away, stiffing her sole. She put a little object in my hand-a alender package wrapped in scented paper.

"It is time," she whispered. "Go,"

A moment is shown in mappened to be a starting of the little package in my hard, and starting at her should form in the darkmess. I full a dimprove desire to star, to forget the war on the moon. If I did not go down to the banch, the Eagle would depart without me. But Haws Levels would never approve it.

With an odd choking sound, she suddenly turned, and vanished in a dark copes of skrubbery. A few minutes later I found Cardiner, briefease in hand, waiting on the laws by the control trees.

CHAPTER XV

The Aluminum Tube

SWIPTLY, we wraked down the heat white stud of the hereind with the set of the set of the set of the hereinde all the dark works should be the set would have the sound of the costs, a restlets. White would have the working in a curve, a restlets. White its odd recent available to the set of the set strange, too, to he within a store of the set strange and hereind with be building as to be able at left trings like a tower of the soft and many and hereinding benefits at here manifer of the

At last we reached the edge of the lepping waves.

and stood still in the night. Unconsciously, I trembled and draw my robe cleas about me, for my imagination increased the bracing shift of the keen moist wind to the deadening cold of the lunar during st.

"Do you think Daans will cons!" I asked Gardiner through testh involustarily chartering. "It is so far. Scouling must have happened. If he tried to hand the ship to hife it, it may have been wrecked. Or the fielt—"

"If any man is worthy of our staking our lives upon him, that man is Paul Doase," Gardiner replied hopefully.

For a long time, it seemed to me, we stood there, staring into the black masses of flowing cloud that eddled, leaden and murky, about us,

"If he doesn't come pretty seen" I began.

Gardiner looked at the pleaming dial of his watch. "He is not to come until two. It lacks half an hour of the time."

I drew my cloak closer about my shoulds m and waited, thinking of the wondress girl I had just left, wondering if I should over see her again. The thought that I probably abouid not was terrible. Fiscally, I clutched at the time volicet she had given me.

Suddenly a bright fact of white light lit the beach about us, fluminaring the fog all about until it ledend like dropping curtains of yillow sik. Even as the searchight hurst upon us, I fait a powerful arm behind me, that fune me face down on the sand.

A mean of 1 by there, much fung full of and and the breath quite incided out of me. I heard the curitors hiles of an eldet under a D-ray; and the air about, when I jerked my heard up, was faintly luminous from the enditasetive game avolved by the atomic rays. Boidenly then derives was cut through by the narrow, piercing green beam of a disintegrative ray.

Abraptly, a little up the beach, there was a metallic clutter, as if some light object had fallon on the sand, then a great, gauping sob and a choking crys

"My God-stop! You're killing-"

I saw a vivid, erimon gurt of finne from an oldfashicand automatic, heard the sharp crack of it, and the hum of its bullet chees the us; than running focularys that ended with the dtudding fall of a human body woon the rand.

Alarmed and astounded, I was furthling for my ploket D-ray when Gardiner's low calm voice spoke close beride me:

"It's all right, John. The men that were in my room, I suppose. I can hear better than they thought, after all my years in the thin air of the mon. I was ready. There was nothing shot to ds."

"Then yop-"

"I killed them. I had to."

We writed a half-dozen yurds up the sand, found two human holes bying there, dark splotebo in the night, bleeding and fearfully multilated by the action of the rays, smelling pungently of burned hair and fish. I turned away in hortor.

"Too had," Gardinar mattered. "But I had to do it." We walked back to the edge of the water.

"Scrower will be setting them accor," Gardinar still. I looked at my watch. It showed its minutes to two. Hours were by, it seared; juit when I looked again, only fore and a half minutes had gassied. I fait invitible man aligning up show us; I sterged nearer Gardiner, recorded seared the water. Looking head at formed the long, should right a the mint, I handed that long the faither the faith is the mint, I handed that records.

It may have been all imagination, but I felt that our examina ware closing in. Then, out in the dark relate of the see, I sure a failth awird of phosphorescent relat-waper that phowed failufy through the forg, with phostly real and faintest excerted and inpulsable purple. A play of other abrock invisible -the radioscritive light of the atomic blast.

"Doane," I received in a whisper.

It was but a moment later, it seemed, when I heard the sharp grating of a boot on the sand, heard a cautlous hall, a few wards to our right.

Half a dozen strides over the sand brought us to the little metal boat. We sprang aboard, and I cried to the.

"Quick! I think they're coming on the beach."

Gardiner elaytics, but he did nothing to wetrum the easer efforts of the room. Nothing untoward happened during cur about reasoing to the failer. It seemed only a moment until its silver slds, phostly in the forger inget and glasming slightly in the refetched fire of the lights on shore, was virible above on. It Basted on the water like a sliver bubb.

WE reached a rape ladder, grasped it, and swang base had been fastinged to the ladder, for in a mecowat that was drawn up, with the little metal craft banging to the end.

We have for an intervent to bridge-room in the top of the high. By the time we conclude it, the wands had already rises, and was flying antiward in the black for, just above the waves. Done and Birls random to shake our hands when we entered the room. They, as we isorned, had havined the shift in the more-shifts of northerm Grasshand, and severed it with los for concolment while thus valids.

As soon as 1 could, I slipped off to the little statements that I had eccepted in the great carityfugal wheel. Exgeryl, I opened the latter package that Lareds had given me. There was a tiny block bux with a thin strip of cripy while paper by it. Written upon the in Lareds had not have a strip block bux with a thin strip of the paper by the Written upon the in Lareds had not have been been buy the table of the first.

I operated the little hox, freen which role a faint which of Loresteir fevoring performs, jammin, Within way a ting speel of thin steel where for a magnetic phenomraph, Quichty I adjusted the magnetized coil in the little instrument on the table, and turned it on. Loresteirs wice scanded out in the little room, west and clear.

"Skin, he's area is a long out dimpercent way. It would not have you think the thousand dimpercent way, and you have you think the thousand dimpercent of Hi, you heating of mo. But I have you think of not, when you are out in the localitons of space, would buy perifs of meteoriton and of ensary ships, and when you are fighting on the crued discrite of the mosen. If I must be-I know that you can die fighting for your counte heavely."

Three was a little pause, and an odd tremow of the silver voice. The tonce were law; they were hasky and vibrant with feeling. Suddenly the room grow dim, as my even beinmed with trans.

"I shall always think of yes, John, I shall heppge long as there is hope. If you over come back, I will be waiting. I must keep hiding. But my radiorecorder will be tuned always an 5.6738 meters. If you over come, call that and tell me where I can come to you. "You know that I know reu-dravery. Lerois,"

When I heard Gardiner coming in fifteen minutes later, I wan still stitting, staring at the little phonograph. Desperately I picked up a back and tried to appear reading, to conceal my brans.

He told me that Doone had sirendy located Tobago on our charts, had set our source for it.

When the sun come up we were a thousand miles

from New York City, in the direction of the ancient Spanish Main, drying low upon the see, as Doano thought that rafer than verturing up into space. Four hours later we sighted the latand, a dull green blur upon the see.

We scared it swiftly, and Deane, with his unarring hand on the controls, brought our vessel down lightly as a fashine in the clare thus water, northeast of the lished, Only a few hundred feet away while four was breaking over the rocks Laronin had described, one with a steepje like an ancient church, the offser like a great bad head.

The fittle notab best that had landed us at New Yark was basehed again, and fore of us pot off for the narrew passage between the rocks, where the cylinder was apposed to bit. Gordfore, privat and I went, and a young mochanic from the crew. In a few memoria we reached the place, and Brist, at the court, hold the bast in pocition, while the creit of us sourced the hard oreal bettom beceast the treatmemore wire.

A half burn went by and I bagan to think we were geing to fail. Then Gardiner caught sight of an object that be asid must be what we cought. Certainly it was rather cylindrical in form, but half barned in the gravel and ecvered with a gray encreateding. I had passed it for a mere store.

The mechanic sprang out, into water shoulder dasp, and bent to raise the object. For a long minute he struggled, with his head under water, but he failed to more it.

"My Ged?" Bris sublenly cried in a voice that verged on panic. He dropped the cars and the current curried the best away a little while he stared into the sky.

Hocked up, saw what had alarmed him. High in the brillmant accure of the tropical sky were neveral white specia—tiny silters bubbles glanding in the sumblue Ships of species—as score of millos high, perhaps, bat dropping rapidly toward as. "The spits on the baseh?" Gardiner crist. "Metals

"The spies on the beach?" Gardinor cried. "Metals knew we were here; they must have sent the ships after us?"

In a moment Bris had cellected himself. With a single streke, he brought the little bast back to where the diver had raited his wet and dripping head, altraing the water out of his gyes and gazing in bawilderment and hereror at the silvery hibre in the silv.

WW17HOUT stopping to think, I leapt over the gunword to the other must as I draw of the stopen squitk plaqued baceab the unrise. Together we beat, and plaqued baceab the unrise, Together we beat, and the other in the stand stirred under our anised afform, alcadered is, unaxly rewarping the little vessel in our hate.

Byts heat his back to the ears, the dripping mechanic seized a second pair, and we deried toward the wast sliver shell of the ship, which floated lightly on the water a hundred yards away.

Wet and chilled as I was and alsemed at the height childs given upon us, it watched Frankfills in his eager examination of the thing we had retrieved from the audi, It was an irregular, gravith criticaler, perhage a fost in diameter and three in length. He hanmered at it with a posite Decay tube, howe away the gray mineral crast. The white given of metial was revealed.

In a moment we were below the open air-lock of the ship. The mechanic solid the ladder and steadled the hoat while the rest of an lifted the scenario due to eager hands above. Then, desperately, we accombled up the ladder correctives. We did not wait to save the bast; the first planged quawaf when the last of as was upon the ladder and was a hundred yards above the water when I scrambled through the opening.

Bris commutied like a monitory up the indifer to the hridge, in hasts to reach his post and boly proptore the high for action. The men on the lower D-ray dack, upon which we stood, ware gathered shout their glistening waspens, already skrt.

Greditors and I relied the metal cylinder over on the floor and precently got the metal cylinder over on the decore of the presit mystule behavior of rout and access of the presit mystule behavior us. We had left after the prending a stained and pitted cylinder of asymptom nine inclusion indicators and acatly three feet long. There was no visible juncture in its surface, we star of hisse or his or east.

Finding that we candd not open it, we clambered up the central ladder, sending the tube up by the little alcotric elsention used for holisting supplies. It was appr to know what was happening outside; but Gardiner's chief interest seemed still in the cylinder, in spite of the free above.

When we reached the herden, both Danta and Britwere hast over the great result table in the center of the recen, working with lever and dial. Looking our through the tilty windows of the room, I as with plasming subscription of a ware filter now two miles one. As the binding scoret-ta of darking green and mony topas of its D-regs were letting at us in angry sparse.

Our own hilp was phunging at it head on. Every the on the upper ray-sick was remined upon it. Soldenig 1 was enclosed in walls of enzities for a string interfectually upon its orthering areas in moleculinfertentially upon its orthering areas. Then moleculbanet into soldem blinding intendescence and scence it to well and show the main string intendescence and scence its methan blinding intendescence and scence its methan well and show like was.





In another moment the other ship was fulling in molten, flaming rain, and we were plunging up pash H, votere because of the hetter training of our crow, that had enabled them to focus their more before we had been natured.

Two other ships remained.

We obtain an into the sky. Already its liquid blue had darleared to blackness and a thousand stars were starting out. The two remaining skips hung above u, wathing and omineus. Deone used his pass-stress havins again, advolty plating the wast spreading doubt of vapor to cover our flight and minicad the enemy as to our position.

I had no conception of the skill of his statics at the moment. I realized what he had done only when we roos from the ecrem of gleaning white mits and saw the commy reacels, each half concealed in regreted elonds of subhurves blue, maying their new upon each other!

Donse had gone between them, had no placed his screens that each terrestrial commander took his fallow for the Kayle. If they perceived their error when we came into sight, it was already too late, for both were failing.

Swiftly we sped on moonward.

Our owe also us as practically utiliarmed. A ray from the first ally we had accountered had carried of a few quare moties of our releasing shell and case of the D-ray tohen had been fused in its turset, with the loss of its crew of three. But our speed was not relatively, and in a few hours the damage had been repaired and the deal carringed to space.

Then Gardiner and 1 set shout the examination of the meal optioner, which had so nearly cost us all our lives, and which, we hepsel, hald a scorer that world assure the victary of the moor. Since we could find no way to open H. J carried it into the machine shop. Partening it in a vice, I statistical it with a havekawe scatting off half an inch of one end. At hat the top of the tube fill off, revealing the out of a great rel of papers.

CHAPTER XVI

The Battle of Smith's Grater

It was a problem document, indeed, that we took from the aluminary without, withins in the most frame that aluminary without, within the the most phases of the source of

Vardon it appeared from a study of his records, had hear a penies whom the world had failed to recognize, until Tranco had engaged with him on the dissurtance were represented to us; much of his work has subseguntly hem published.

It was on the third days of our study. I thick, that we score score to that the dataset of the dataset of the the fundamental equations upon which when databet into provide a data in its mass. Cardinor furty went into provide a data in the singularity and heatup of Varkow's resource the dataset of the dataset of Varkow's resource the dataset of the reacted a score of the dataset of the lower on the reacted a score incident I am a fair durifymau ach, working with Gardiner's data. I devoted that tweek of our swapes to downly a data of the structure of the system o

According to our calculations, it seemsd that the available power should be at least thirty-five per earch greater then that of the Orisif generatore using the platinum group, and this, we felt, would give our new adjus a vant avivantage over these of Metals.

After some discussion, we settled upon spherical different some discussion, we settled upon spherical divendes of Colors. The sphere has the advantage of the maximum of strength and of called constant, with the summariant of strength and of called constant, with the sphere of the strength of the sphere of the sphere discussion of the sphere of the sphere of the sphere discuss the resultances of the knewy and e early, task is the movel light actionsphere, or in the scheme of again, it is spentes against the effection of the slap. Calledar's loss of this evidencial types, we have been only also been of this evidencial types.

Took keeped then we should be able to lead near Theophilas, at 1 was leaving maximu to use father and mother spain, before the duries of my particle alled me to the hellforid. But Gardiner informed me that we ware to lead at the got where we had left the moon —in the wild canter far ware of the site.

In which to get in built with Warrington as soon as possible, to consider the matter of halfning a fleet for the more. Seene secret spot must be found, where thomsends of men could be get together and upplied with food and materials for many months. It was a tinnie undertaining.

The revet after shell inded with hardly a shiver in the dense thickets of yellow, thoray scrub, benach the iovering craike-rine. A few records inter the man had it covered with the painted tarpusing that concould if from eyes in space; the greated-reve was trained, ready at rope and pole, to hoist the great current as gene at the vene togehol.

Three was, in fact, almost a village in the ernter. A induction that studyed bere, living in astronyte compactment they had cast with Denys in the center walks. They had living apartments, theoretoneous, and machinealogui they cultivated irreguing areas exterted over the erniter-that, in percold prime it without the first three prime is the series of the first state in the mean while.

Tapast a few hours walking about, posking a continue way through the splity scrub. Exaction was welcome after the weekst of inscrivity on the ship; and the leaves gravity of the moon was a new delight after I had fift my isoden wught on onth. After a time I mode my way through the passage is the erator wall, which was had in nutural define. hadf artificial turnel.

I gazed across the wast hursde plain to eastward Wild and incredibly loady and decolate it loaded, after my weeks on earth, yet there was screenbling about the sombar awarthiness of its mountainous sweep that drew me to it. this aftern world was part of me.

Presently I any leaping red data far away, on the shoulder of a block mountain ridge. I focused my pecket tokecape upon them, and they received threesolves into a little arcoin of Scientize. As they drew natz, I distinguished the reduzitable Jeukins, the acoust whe had brought Gardinar and me to the ship. He was beinging in the load, upper the wast reluxens thing be called M'Oh. Half a down other moon-calves were with him, two of them of the samilar-boild, zonce intelligent tribe called the Ossima, which can be trained to carry D-ray apparents and to flight with human determinal.

The short, re-f-faced fellow had his meant act him down outlide the transl entrance, and his meatures resultures feld himselves space an outcore of schitt, with a few coles of segar that he gave them by way of ewerd. He hourised importantly down the parameter, and greeted ne with evident pissure and surprise. I went with him absend the Zeife.

A sparit, thick man he way, with nose large and rad. We can all hards ware hourds helded of the bureeless linuar man. He wave as undergit red bard, and when he removed his prograve trait in the single 1 as with the touch hair was also red. It seemed very old, when he removed has prograde in the heldge more, to see that this gave write like and very pats. They holded out of spectral a usual of older of theiling erithmore, which he wave over hid dirty while tank when he wave which he wave over hid dirty while tank when he was in the doub.

His voice was rusty and thick, for in his londy life he solliegation far more to meso-calves than he tailed with men. He strode pumpeout absaud of me into the centrol-recent, with the bright red class thrown ever his dingy garments, the warn fringe of it daugling spinest rusty hare shins.

DOANE greeted him cordially crough; with a wink sight, but and a search of the stoward to fatch sight, both and giasta. Brits, this advanced, served the forg of us, and then himself. While the rest of us ware hare's gipping our divides, Jerdina drained the giass at a guily, and proceeded to turn the boths up to bli lips and these the fory contentia straight.

"A fellow den't get much like that in my trade," he grunied. "This rotten stuff they make in the creaters..."

Alruptly he straightcost, soluted, and fumbled inside has not cloak. Precently he drew a grimp leather belt from beneath his tattered tunk. From that he took a sealed envelops, whach he handed to Deane with the words impressively soluton:

"A dispatch from Warrington, sir !"

Done ripped the envelope open, and last himself in the nest shorthand of Warrington. Jenkins attempted to read over his shoulder, but to jodge from the disgented grimsee of the old scort, he did not understand the rentern.

Watching the face of the young space-captain, I now keen interest grow to serious otherrs. He read the message twice through, and looked up solverly at us.

"The situation is getting series," he add. "On the meming of the mon-day after we waled, "Wartington left Threephils to march to be railed of New Baiton. He was to be followed by supply trains, and by a conven-lead of food and arms which the Assembly was to gather in Colon."

Are together Heading inside accepted from the interaction inside our dependence on the inside our dependence of the marchic part dependence and our dependence of the inside marchic loss the inside our dependence of the inside marchic loss of the inside our dependence of the inside marchic loss of the inside our dependence of the inside inside our dependence of the inside our dependence inside our dependence of the inside our dependence inside our dependence of the inside our dependence inside our dependence our dependence our dependence our dependence inside our dependence our dependence our dependence inside our dependence our dependence our dependence our dependence inside our dependence our dependence our dependence our dependence inside our dependence inside our dependence our dependence our de

"Since these minor distance, though the Assembly is nth in acceleration, the source of the source of togotise. The Assembly holds real suttority, if only commade where mere with to deer. And it issues as man, and food, and arms, in plenty. Armol forecess could get them to us in address. The theorem take heps in dying, in the last month I have been forsed to rely upon artivata subscriptions maids by that molds print. John Adman, instand of the former larger of the Assemtors."

I firshed with pride at sizh a mention of my father. Donne read on: "I have been forced by lack of supplies to rive up the advance on New Beston. We have

plate to give up the drivents on New Forten. We have provide the West and State and State and State and State (State 1) and State and State and State and State and State (State 1) and State and St

"These still able to snawer the roll-call are starved, ragged, peerly opnipped. Humbelt's army would not held together on hour under such conditions; I must prains the loyalty and devotion of these poor fellows.

"The matter is coming to a climar seen. Hurshelt has left New Boton, and is marching upon on. He is reported to have nearly forty thousand mon, about four times as many as I can muster. Toy are mastly negro infantry, who have proved that they can stand the fotcose heat of the lanar day much better than unachimated wides.

"I an preparing to rotreat, for we cannot hope to hold this position against such an overwhelming feree. Gardiner, and Adams, the engineer, will return with Jenkins and most me in the violatity of Smith's conter. Denses will takk to a passe, collect the etter ships, and try to keep our movements frem being watched by the Medals feet."

In bits own words, Doane added: "I massine his plan is marely to evade Humbelt for a for days. It will be impossible, of course, for the Telloritons to spand the night away from New Beston, and if the battle is dairynd a week or to, the terrestrial general will be forced to retract to the eity for protection against the night. But our general may have searching more in mind; this is the way be closes the disputch:

"We must take a decisive step, or soon we can take none at all. We have discoursegument to fight-a deadlier ensure than Rombol's Decays. Warrington?"

An hour later, Gardiner and I had complete Jeulins for Smith's crater, Jaukins rode in front, upon his great, grean-yead, narchic based, M'Oh. The teremedicus leages of the ward, leng-degged creatures were well limit, so that the half dones of them rous and full as one, sweeping through the air only a few yards apert on the leage of a humidred yards are

So close fourther we used to a intention product opback to fourther we used to that Jonaias, mellowed perhaps, by the lang pull at Deane's holtie, grees very talkotive. He had to show in a shrift tones, and even then baif of his words were avept away in the wind of our awift hights, or leads in the rathe of stones and the trashing in the brittle yullow scrub as the monsters landed and leads areain. It is began with remerkaho accounts of his statuwith seman in the solito. But soot is we abouting the solution of the soliton of the soliton of the full-soliton of the soliton of the soliton of the will smoothing. He soliton is for a to be left will smoothing. He soliton is not a to be soliton of the solution of the soliton of the soliton of the soliton on the soliton of the s

But while the old scout was in the very middle of his extravagant description of this marvelsus place, with its strange inhubitants and its incredible workh in precion minerals, his tangue because unmanageable. For a time he straggled on manfully, stumbling over the more difficult words.

"Then they h took me to a palish-pa-palace of purole crystal-clintal-"

With a final having, he dropped his boat forward an his broat, and presently were its aboy. The inuningent creatures that carried us lengt on as be step, deducted to hit at moorthing sector devices. However, here he were apply, prombing and solids, and toke a deduction of the sector devices of the sector device apply, and the sector devices of the wood reveal no more of his obscatters have of the mon. I went area ready creation whether it was all a fluctu of insufaciality, which his bandwide hilds, or to them and the sector.

I T was thirty-dx hown after lawing the ship when we arrived at Warrinstein come. We found it by the rough prim walls of Smith's Orate-a ring of impachable bick grantic weaks, twenty miles scores, entirction a torrid, and wash. Warrinstein had pitched his camp outside those these, unofinable walls, hebind a hitle right that offered aems protection against the army in the rear.

Humbell, with his 69,600 negro infantry, was also compet along the crater was, four or fire miles hehind Warrington. He had outdistanced our general in the last march, and caught up. He evidently istended to rest his twoops, advance again, and score an eary victory.

The scattering evidently were expecting us; we passed the lines unchallenged, and soon were at Warrington's little text. He was away, however, withing the little squad of men who were cutting trenches on the hill holded us, a white cloud of dust rising from their Derays to mark their location.

We demonstrate and waited under the first of the lifeth white tends one of the driving heat of the son. In a few minutes Warrington was heat, heary-sergiand warry. He took result time to greet us, or to learn of the results of our expedition. Kun no he lobest of the results of our expedition. Kun no he lobest of the results of our expedition. Kun no he lobest the frequently turned away to give order he humping ables. Worken's concething was afast.

Is a few minutes we left the text. I now that the exhausted and half-side men were being round from the crude shelters where this had acought relief from the grant own while they are their sourity reliefs and tried to along in the framewellies air.

With a good deal of wonderment, I saw that camp

was being broken, that the men were making ready for a march, while the work of fortification was going on handly behind them. Scon the whole army, emergifor a few score of men at work on the hill, was marching off down the cratter wall, away from the equeny.

I could not understand the manusurer--it looked like a mad and precipitate flight, with disaster and annihilation at the hands of the pursuing Humbelt as the insvitable outcome.

The most were hardly able to march. Haif of them had white reasts heard around their heads, it place of the yith helmets that were needed to protect them from the accerdance, hittering radiation of the run. Uniforms were tuitness and patchad, with red-sumcooled builts houstah them. And from aitkness and haindth, crashess, trinkets—everything but arms and pitfal housing of food.

How wenderful the courage, the devotion to their commander, that led them on under such conditions?

On and on we went around the rim of the crater. At last we had covered thirty miles; we were half way around, and still Warrington kept by the wall. We obspred for a hrief rest; the stumbiling man threw themsoives down in saraps of shades effected by builder and patches of dama splity scrub, to consume their last treasured bits of food.

After an hour or so, we went on around the crater. At list 1 undershood. If was late in December; no doubt Humbold's neuro acklistry, cartialt of an endy victory over Warringtor's meged troops, were infulging in a Christmas objectuation. Warrington meant to come upon them by surprise and in the rear-by a much all the way around the crater!

And that is easily what he did do. His maneuver was so imple as it was during and heiling. Doubless they Tellurism commander had granded this other final; but he could not have expected the war-were troops of the much to encircle the cratter and take him from behind.

Our despensie, half-sharved freege, eshanted as they were by ind situ-min merch about the endes" aring, took the torrestrials completely by surgetse. They forewarding of our atlock. The fire works in the forewarding of our atlock. The strevention in the forewarding of the strength of the strevention of the forewarding of the strength of the strevention of the locarity of the strevention of the strevention of the eraster, but been too much for them.

Our more dealed forward in thin, ragged lines; but they were determined, desperato, intent on wictory; they leave that their sole chance of life depended on winning. Humbelt and his officers tried to rune the negroos and to raily them; for a few minutes the resituace we selvited.

 But they failed to withstand the impetuosity of our curuch. Their ranks collapoed and the blacks field screaming, almost in supernatured faur. They diatrusted the weld life of the macca-regarding the wild mean-advan with supervisitions horror.

Humhelt and his affects eccapot; indeed, they got back to New Ecoton with more than five thousand man, but these five thousand were without morale and without outiment.

The results of the victory were far-reaching.

Warrington took twenty thousand prisoners. He exptured a vast amount of stores, arms, equipment of all norts, including three hundred field D-ray tubes, and twenty-aware thousand hand rays.

When our men tiept agels, it was with full storache and in new uniforms, theitered from the sun by captured tents. By the time the sun set, a few days of hard marching had hrought us havk to Theophilus. with all that vast amount of new equipment, and raptives that outnumbered our troops two to one.

I was with father and mother spain. It was a put day when I came home, we had a glorioux Girichnass dinner in hease of the remon, and tabled for a long time afterward. In the gay little drawing-room. I taid about my frip to earth. Family, I told them of Leroid, and an elimax, played the magnetic resord of her voice. Ny parents were properly delightedthough I believe mother cried a little afterward.

The victory at Smith's Grater sent a wave of new surfage over the mon. In every tity and in every emmunity, men freshly pløtged themselves to the scuse; mease, food, and reversits began to flow toward the camp of Warrington spain, while the Ansembly had rousing its nextines of authority.

In the exchanges of the boar, even the peeple of New Boarts roos against the collers Humbelt had left in the sity, and aspelled them before the defasted general had found bit way back; theough of course the first remained in pessentian of the space-port and the buildings about it.

I had at once resumed my old position as Warrington's engineer-stizeth. Some two days after the satting of the sun, he called ma frem my work (I had heen designing cradies and equipment that would be needed in the buildness of the fact).

"John," he said, "I want you to propare to leave wild" me in tweive bours. We are going cutside the city. Jenkins will earry us on his morn-calves. Space suits have been provided.

"Very good, ex. And where----" I stopped short, abushed, realizing I had no right to ask the question. He smiled, clapped me warmly on the choulder.

"They's all right, John. It is to be a secret conference," he said. "A meeting of man from all parts of the moon."

CHAPTER XVII

The Conference at Kurrukwarruk

FAILER and mother wore still in Theoremus, and been there makes the truth that has have people on the war. The Proceed match has had been left in the theoremus of the truth of the truth of the truth been still and the star in the truth of the truth of the artitement way as included that it would have been difficult index to truth of the star in the truth of the star in the truth of the the truth of the truth of the truth of truth of the truth of the truth of the truth of the truth of truth of the truth of the the truth of the truth of the truth of the star is the truth of the star is the truth of the star is the truth of the truth of

After my meeting with Warrington, I went home, to find that father, too, was preparing to attend the secret concleve. He retired early, to rest for the long trip. But mother and I gat lists in the time but rather inversions Wing-course of their appriments in the great auth wings of the rooted city.

She had no play again the sound record Larods, had given me. My over illed with tears as I listened to be vitraue aliver toose of the girl web was now a quarter of a million miles away. Mother smilled mistiky. "She has the grandent voice" also easid

She had a little "storee" move somers, with sound receiver, that had been a childhood gift to ber free my granditather. Now we darkmad the little recenand I hung up the screen while the found the carso of film. For a lear hour we ast they, in the warm geden glow of the atom-dirupter heater, taking a little in lev trees, so we waither a some free mother's childbood and youth. I cried out in pheasure when father first same into the second as a gar alcoder boy at a party. Then there was the working, and the source story of a trip around the earth. And promethy I are dimly remembered events of any some shifthood, and heard leng-forgotten voices ringing fresh and clear free the second.

The ploture followed cur voyage to the more, with its loar, and the sources of little Fay's death. It showed be hardship and the adventure of our first years on the micos, and brought vitidly back to me the delights of my romanic borboad about Firserant.

When we had some to the end of the film—the last for scenars howed the worklop of Valence, and then or scenars howed the worklop of Valence, and then event taking as matter had had left lim—we dat new turn on the first, but not in the glocon. I had failen links activity revery of the part. It was the abeging the scenarios revery of the part. It was the abeging time is activity of the part. It was the abeging time is activity of the part. It was the abeging time is a scenario of the part. I had the scenario time is a scenario of the part. I have the scenario time is the part works of the terrestiful placks of the loss Date is a distribution to terrestiful placks

Suddruhy I beard a suppressed solt from routhers' chair. With an odd tubbung in my throug, I get up and weat over to her and hash beales her, with my arm short her dear, slight abundlars. I had hardly thought, before, of what it must mean to her for failter and me to go away. Sole toke my hand, and patted it, and chang to it for a little time. Then the spoke, in a dry, handy little velce:

"I understand, John. I'm glud you feel it. But I want to do my part. I have faith. And if anything happens-we"-she failtered a little, finished glughily--"we have such scool times to remember."

And suddenly she steed up, as vigerous as a girl, and turned on the light. "New John," she said practically, "you must be eff to bed. You've a hard trip before yes,"

action year. 1 kined bor, and went obediently, leaving her standing in the recen, leoking after me with a tour, I think, in her oys. But I could not sleap, for thinking of the griden time of peace. If it had latted, I might have found Larois, and irrought her back to a happy world, to live sear fails and mether.

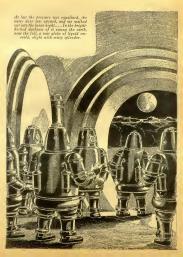
More than a dozen men were gathered at the airleek at the appointed time. Warrington was there, Gardiner, and my father, with two or three of the other isoders of the Assembly, a few of the engineers who had been workfay with Gardinar and me on the problems of the new loct, and two or three of Warrington's effects.

A score of solitors were there, in gase-cuits, with sch of armor for us. Score no were call grobasus creatures in the strange solits of model, quarts place, and impremented fabric, sharings with copyen tanks. The thick balants of model and quarts were scoreed dowey, and we were in a communication with one another only through the short-wave radio asts that each suit carried.

WHEN all of us were realy---there were thirtylick was opened, and we field into the great cylinder that extends through the city's well. It was cleased and sealed behind us, and Gardiner opened the valve that let the six about us hiss out into the frigid vacuum of the night.

The air in our suits expanded until we were equat, thick-limbed monotreeilies. All the sounds of the city fields, until wereything I could hear was the quiet burn of the little motor that kept the air circulating between my double-walke heartst and the cells where

THE BIRTH OF A NEW REPUBLIC



it was purified and re-expressived, and the occasional ghantly voice in the phones.

At last the presents was equilibri, the outer door was equived, and we wilked out in the human right. The key was a road of intercody hickness, sprinked with a million call, many-colour stars, and a really achieve in the hields of the stars of the same the achieve in the hields of the star and the same the achieve in the hields of the star and the stars and the million of a should arguing a star in the likelihood of a should arguing the weight point field in a force rate that hisbest the weight point the star is the star in the likelihood the weight upon the three there reach key and the stars.

In all that world of night, overything was white, still, bying is death or fromes sleep until the sun would bring the spark of life-all save the moon-calves, the natural matters of the slanget.

In a faw moments we new a score of the great factatic becases losping awiftly toward us through the earth-light, wast scarlet holics agiint the still white mountains, hugs grean syze glowing with pale bhardprocesceps.

Jenkins was upon their leader, hardly recognizable in his giouning silver space-armer. But his wolce scanded facultar enough in the pheens when he speke. "Good evening, gintlemen, and the hest av wishes to us?"

He fung out ballcrously thick arms in the pestured command that sent his core of weich beach to their known boften us. In a few moments we wave momented, two to an automal. Another, and we wave of theraph the silent, frozen sight, upon corried momentar that langt swittly and auroly from sove-correct beacher to peak coornated in freen siz, beneath the white light of the metchelenes earth.

I suppose that Warrington had already given Jenkins his orders. I heard him any nothing to the old scent who was leading us uncertingly, however, sleng a path that carried us into the meuntainous region between the three great cities, Theophilas, Colon, and New Hosten.

We traveled arms ton or twelve house, in which time we must have covered half that many hundred ratios, we must have covered half that many hundred ratios wired it. We upper solution the focus here I persend to the upper solution of the focus here is small crater many miles corribus of Rippenchan Arupty I are the cultimes of a sliphy solution towers and domos above the fail, while organic alout is without in their blancks of forces alout is an excluded in a sliker blancks of forces alout is

The oddly shaped torowns and the irregular roof bod been cumningly dashed to appear to the exampl agrees as part of the natural peak in the center of the cratter. A hidden city was here, currenneds by lowering cratter walls. Invisible, even when one looked upon it, unless the knew line odd outlings.

Warrington's voice restict in the phones. "Gastlemon, this is Kurrikwarruk. A hidden city, It was hull by a patient who grew tired of the reside of Metals large before the war. He located a mining property here, sud hull this secret city. He has already sided the cause, and he given us the free use of his lecention. We have many access alles."

Another haff an hore found un dimonstrel and intiols the al-icle of the little ofty on the mountain, remarking our combleteness armor. It was a good-much population who here is work had been completed in the building of the city, and who now constituted its particular these of the building of the city, and who now constitute the city, and who now constituted its particular these of the city, and who now constituted its particular these of the city, and who now constituted its particular these of the city, and who now constituted its particular the whole mountain top was a great theorem of the city and the city carried is haltery of Inside to the below we need the hubble of Karraiswarrels. It was of fortunits contractions; jais name was Maynes. A correlated for the set of the set of the set point, which was a second with a base base nee on earth, and hus influenced a hubble for Metals Correnawing the set of the set of the set of the set of the points needed in this rates, and worked the depoints needed, in this rates, and worked the depoints needed to have a bubblem lieve of intervirends. The second is have a bubblem lieve of intervition while a Warren for the set of the second fortune on while a Warren for the second second second second works. Warren for the second s

The sorret conformance must have been planned weaks blocks. San Week Beer from all over the moor. These blocks are block block and block blocks are block blocks and blocks and block blocks are block blocks and blocks are block blocks and block block and ethers—either and blocks blocks are particular and ethers—either are all some who sowed to particular the source blocks are block blocks and block blocks and blocks are all capital control blocks are blocks and blocks are all capital controls blocks are block blocks are block and capital controls blocks are blocks are block blocks are block blocks and blocks are block blocks are block and blocks are blocks and blocks are block blocks are block are blocks and blocks are block and blocks are block and are blocks are blocks and blocks are block and blocks are blocks are blocks are block and blocks are block are blocks are block are b

This first action of the conference was to choose Kurreleverstic has the permanent capitol of the more. The presi tatalouses were exposed to having it houted is any of the large sticks, as it would be the object of following studie, includy estimating the sity's permistion of the president state of the site of the site of the result of the great cities. It was equipped with all the neworkies of eldined infill. It is contrad at stochy planest and so strong that is contrad stoched.

The meeting went on for several days. Important problems were solved, concerning the millingy orminiation of the most's forces, and their support. Plans were made for raising reinforcements and supplies about Gelon, as that district had hardly been tracked by the war.

Marringents having sequences to at of use in the most distribution of the origin for the sequences of rooms with a young efficer, Captain Bocofiet, a secretary to the Financial Direction. How as hardsime in pagestrates, rather disking, and noted for both of leid adving ratid on the prospectry at New Rooten, exploring it is not have been been been been as a sequence of the second section of the hard leid adving ratid on the prospectry at New Rooten, exploring it is not be finded of the hard leid adving and the regular gauge, maintimed with the preformation in the regular gauge.

I had known ham at the University; in fact, I had folt almost his friend, until I had once seen him in the company of Lerods. I did not like his mismer toward her, and I had dropped him. Now I began to think, however, that I had de jankuty chourse the character of a lows and noble pation.

Slowly the conference got around to the important thins, to the contain that was the real purpose of the mosting. Karly in the curses of the discussions, Gardiner has definented the sameable, priving the results of the trip to sereb, and telling of his meeting with Lafolitetis in Ghargan. He had conclude his tafk with what was, for cos of his quiet manners, an unumal burst of contery.

"Gentilemen, Tranco is the hereditary enemy of Metala Corporation. Every man in it, freen Pereldent Lewis down to the hikoren who tail in the factories and shipe, feels the strengest antipathy to our oppressors. Openly, publicly, Lewis days to do nothing. But this Lafelicite is braver than his follow-directors. He is rich. And he is willing to stake his fortune and has lift upon our cause. He is willing to and as meany, supplies, and men, if they can be brought to the moon. And while he made his offer as a private man, I know that Lewis is unceficially behind him, with all the wait reasoned of Transo.

"It may seem hopeless, punthemen, to dream of bringing wangons and treas from earth to ear sid. But due to the percevoiry of a friend of young Adams, here, we have a solution to that problem. We have the gold attend tokse. That is the lawardles with wellch the gold attend tokse. That is the lawardles with wellch frames vasing tread to threas of the dyne of Mydel toker were disched.

"Pellow patricia, we have in our hands the means of building a fast that can go to surth to bring hack Lafoldete and his army. We have the means, even, of huilding a fact of warding that can arways the vessels of Metals freem space and make us the equal of the gradient convention on surth."

There is all basic at ice of the strain particular, then had be table time is highly and the interaction of the hard strain the strain of the hard strain its was many days later that Pull Dones arese table and the hard strain the strain of the hard strain of the strain strain strain strain strain strain strain strain rel Lafetsta and his next. There were a the strain strain strain strain strain strain strain strain (diminish in the way of the hard hard mergers and being the strain strai

• Two or these more downed by second by partly devoted to consideration of routine business, though the greed, predet may never far from our minida. Slowly the plan crystallized, until we same to the selection of a secret weighting for the building of the fleet. John Adama, Sr., my father, rose at once to suggest that the shape bould at the shape bould at the size.

He set forth its advantages. The mines would furnisk all the metal required for the work. The city would abshue the man. There were farms and synthcite food plants to feed them. The locality was so remote that interference was imprehable.

As he was taking, I remembered the grant covers at Forcesst-the suct chawn is which I had iot myself is a king, assaining by the merced nonlinet. I waited multiply in any foct and informal the accellar taking multiply in any foct and informal the accellar taking focts cruthed where a bardred time. I got a 20th coling it is built without discovery, when if assarihing focts cruthed over a bandred time. I got a 20th coling I knows the covers. I want the same takes the I knows about the covers.

I suggested that its omid be lik with atomic lights, that a battery of D-rays would none clear the jungle off the floor, and that the neurow shall through which I not entered could be widered and cleared to permit the completed physics laws. And it was near enough to Firerensi so that metal and supplot could be easily brought from there.

With that addition, the program was unsnimously approved, and definite plans were laid to carry it out.

It was agreed that Gardiner, father and I should art out at anoo for Furerest, to begin making such projarations as clearing the cavera, wildoning the attract and getting a supply of food and metal as fast as the few men new at Firzerest could provide them.

The delegates from other parts of the more premised in continence and none as soon as they could be patheved. Warringnets was returning to his array it Theophling, and Dancies to his sendaryoutic foot. It was ret several days to summa-hence was time in abundance for us to reach our several documations help the the coning of the luminary signalled the resumption of hostilities.

It was the sleeping period before we were to start. As I returned, after the last meeting of the assembly, to the apartmant that I shared with Beneditt, the dashing accretary to the Director of Finance, I hand accenting through the closed deer that made me hurst into the room in sudden fury.

" . . . I shall always think of you, John . . . "

Those dear words, in the rich, vibrant voice of Leroda, husky with the depth of her facing, came ringing sweet and clear from the moon. Semeone was playing the record she had given me!

I found Benedict, my handsome fellow lodger, bending over the little phonograph-through some accident, I had left it on the reading table.

".... If you can come back, I will be waiting"

The secretary was intent and it wondross voice. Startied out of his unsail rather haughty dipuly, he now jumped by predefentry. I jurked the little instrument out of his hands and stepped it, then reached for his coller. I was almost beside myrolf; it seemed a sarrilige that he had heard these transmer words;

"A standard record with that on the case !"

I pointed flercely to the words.

"To John Adams. Play this when you wish to think of me," written on the case in Leroda's next characters.

Benedict's flush of confusion changed to a red flood of angler.

"Adams, if you lst word of this out, Fill shaughter you like a deg?"

"You may name a meeting place-" I had begun, when I recovered myself. "No, as officers, we cannot do that. But on the day that pence is made----"

He turned and strode from the moon.

CHAPTER XVIII

In the Firecrest Covern

A FSW bourd later we were in our space-suite. Most of the delaysts were returning to their permanent corps for the new seconding avoranical means of the second second second second second means and the second second second second second secondary. I regulately, after coding of any feelings, that the follow had committed new weets crites than to any trigs a natural accession. The second second second 1 specificated for any heat weets and the second 1 specificated for any heat weets, and here each the second second second second second second second second 1 specificated for any heat weets, and here any second 1 specificated for any heat weets, and here a sufficiency heat the second seco

Jankins, with his Selenitor, was to convey Gardiner, father, and negoef to Firceres, and would return immediately to take Warrington book to Theophilus. The General had further huitoness controtted with the organisation of the permanent powermand, which prevented his beyong Karratkwarrak for a dey yet.

The four of us, with a teast to the likerty of the mean still reights in our ears, stepped into the great cylindrical air-look, shut the inner door, and opened the wave. Marrington, Mayera, and Greenville byroad the great transparent door of quarks, waved us a last farewell and burried away. The last of the six biased out, with a dying mounlynding opposed the other does, and note again we were in the fantisatic ghasiliness of the freezen inumsight. The off acquir, spins and effercy in his space armor, signalled to his measuredness. The scarid, gibtening signalantice monotes come beging for yourd us on their commons presslopper legs, scress the gimtening table, of recent are.

Our guide selected four of the flectast, which, with only a single peocency, can easily make fifty mills an about at a thing. I hapi into my addle-for I have always had a curious horror of the feel of a scaly textude about my waid-relation and Gardiner and my father allowed the long turbarniar limits to lift them up, and we were of.

Technic ways into we would be. Technic ways in accollent humor, having been well fed and eared for during the week at Karrukwarruk. He regulad us with an interminable series of derail anodebas lin his rusty voice. His stories related meetly to his childheod. He told us that he had never known his father, that he had heave hrought up on the moon by a embied, odd 1 trih prospector, Tim O'Bullivan.

The old scout's voice rang endianty in the phones. In the vacuum of the night, no foreign sounds broke in upon his marrative,

O'Bullivan, it seems, did not elsim to he Jenkiny' parent, but sold that, while on an expedition in search of a logendary mombale of radium toward the Book Montains on the enstern "tim" of the moot, he had eccee upon a borde of the Rallarthah, the most aware of the wild Sejenites, about a space filer falls and wreaked in the dowart far south of Kepler.

O'Sullivas had mole his way into the akip-th serum data he was on kirkly good terms own with More Noo-Athrity monoters. He had record the Wirks was an end of the serum of the serum of the sector was a same, who gauged out a hird that of monotom collision and of a perillos stranged description (which was a same, who gauged out a hird that of monotom collision and of a perillos stranged description (which was a same, who gauged out a hird they are an end of the same. The gauged out a hird they are an end of the same. The gauged out and ben there satisfy a monitoring of the same of the same and a stranged out and the same of the same of the able out attravelous, and monitoring a bapeleo datage by they had a vary the hill of the boy.

Thus Jenkins know nothing of his parentage—so far as he was aware, he might have heen destined for a life of ease, lumry, and preminance, hus for the wrecking of the able. His follow survivor had toid nothing of the boy's peeple, he had died before his terrible show was findated.

O'Sullivan, it assens, had been a curiton man, hardly haven in the clicks, and hardly tolerated even amount the wild Karlarhah. He had taken the three-yam-balbay to Cakes with hims, and there plased harm in the hands of a woman of uncertain oscill standing. There plackins had liver of ar five or airy years, attending school a little and karming for more by reassing the enricitally connectional underworkd of the lumar city.

Then the women had anddenly departed, in the compary of a "tail man with whildens and a gina ere," "The local boy, perhaps not much the worm for the loce of his guardian, had rouned the streets for womths, arraing his breed for a time in one of the secret dees whare the forbiddam drugs from the lumar forests are sold.

Then O'Sullives, returning from one of his mad wanderings in the waste piaces of the moon, had reserved the child, and taken him along on the part trip, which according to Jerkins' story, took them due south, to the left of the Boerfielt, to a petitr where the molitorhans earth out hollind him. There they had encountered a new rave of motor-solves, who were arread with publicle reaks, and who guarded a dead dity of white model. After two years of incredible adventure hyporthe paths, they had arrived in Thophilina with, as a braft path, they had invit an incredible incredible. They are reduced works with fortune, and they had nare advanced works with fortune, and they had nare fourthed works with fortune, and they had nare fourthed works with fortune with the asympdered or guarded away his fortune, and they had nwas fourthen. Offstillman was account with the asymptetic state of the state of the state of the state of the energy of the state of the s

To the accompanisment of such a story, which was probably not wholly true-yet which subsequet discovering above to have been far frem allogether falsethe nine or ten hours of the trip to Firecrest passed in a form more the is accord.

I WAS associated when I naw the city of my childbod rise before me-a grant thick does of metal and phas, balf a mile across and two hundred feet high, resting on the glitcheing white contecplited descri, close seniors the rim of the two-mile crater in which the mine-sheft as are located.

A few more realing leaps of our red-armord, hurding mounts hrought as to the an-lock. These facilities, thister, and i dimensioned. The next, which and have done of the second second second second in the facility of the factor describes the addimension in the facility, with his "God be with ye" ringing in our area.

We had rung the holl, and the alr-bock was qubicky opened for us. It assumed way stratege to pass to stablenly from the glummering phostilanss of the laster descrit in the fast-satic sarth-silon, soma under the world appell of Jonkins' mersitive, into the warm risk glow of the atomic lights.

The familiar city of my youth scenaed queerly decorted. There were thoughtless, happy childran enough, and anxious women. Bui most of the men were goos, to join Warrington's army or to cook employment also where. Enverthing una sailet, descrited.

Valence and Tom Dewilling presided un in glad surprise. With motherly love my sister exhibited little Tom Junico, a phung, print little failure, just learning to talk. It gave me an odd faeling to think that i was now an unde.

Genitian and faither and I soon put a different appet on the quict toom, with Torm's apper aid. The testifulk had been entraneously shall do see faither. They aboved themeelves willing to perform appetitume fails aboved themeelves willing to perform appetitume fails aboved themeelves willing to perform appetitume fails aboved the see would be the minor again. Note of the more work large there; but own machine drives and variable it food halls.

Petitier took charge at the work in gracerul of teeing hiar new model and food were ready. Catefiese wont over my plans for the hing, is a datamine the best methods of procedure, and to fail which tools and technicans would be required. Utual Down cares, he was "Addinized" in unibletity over everyone. I we for here the beginning that, I asked for and reserved the here beginning that, I asked for and reserve.

Percy hours along of the triling of the sun, I left Functual wills a down mos in prave suits. We draw abustant training the sum of the second subming D-ray maching, between d from the goal workings. When we arrived at the little crack that was the opening of the syna every. I functual the ond of a long line about my middle, and wattured with a samblight a functual fail down the future, in where it widened into the cavers proper. A few measurements and a simple esiculation enabled me to determine the place to begin our vertical short.

Twelve heurs of herenken toil asw a direnker vertical shaft, a hundred and fifty feet in dismeter, onk three hundred feet through the roof of the cave. Then I such the men back to the city to rest while a fresh cere came out to operate he great boring modilities.

Fatigue drove no back to the city for a few heurs' rest. But I did not sleep until I had akatched plans for the greet metal valve, which was to chose the top of the shark. I loft a docen man heavy on the blueperints of the valve, its frame and hinges, and the atomotor which was to doparate it.

The most vorticity on a fit they adopt in my shorter, When I got lack, the before, was at how hard for dedrow, I brenght back two additional token, and the vort, weat an one regaldy lake holders. It were a of any diviting down into the pit fram the ward filterform and the set in trin, the Filter relation of hielding light, with the iterations of the dialoguestical risks in a frame distribution of the dialoguest of hielding light, with the iterations of the dialoguestical risks in a frame distribution of the dialoguest of hielding light, with the iteration of the dialoguest of hielding light, with the iteration of the dialoguest here and the hield frame the dialogue short as all was under, where the frame the dialogue short as all was under, where the

> And the huge black thing, seemingly dazzled by our battery of blazing searchlights, turned and winged a silent way off down the dark basings to westward, ...



chilling gases from the pit, cooling, condensed in a sort of fog, and fell, a crystal snow, upon the huge machines and the busy man.

Twelve hours later, when the sun came up, a solendid hall of white flame, we ware down thirteen hundred feet. In ton hours more, at twenty-three hundred feet, cavern. The incandescent bottom fell out of the shaft, and looking down its straight walls, we saw the purple

I went back to the city to anatch a few bears of sloop. and to exchange my space suit for the topi and light cotton uniform worn in the day. I left a crow exvalue. When I retarned the machinery had already been hauled out on tractor-drawn whiches, and the installation was almost compiles. The bure abding Ed was already in pince, with a thin shall of rock over it for camcuffage, and the motors, cages, and cabledrums were being set up in the space cut out bezeath it.

Four hours later a cage dropped down that great shaft, as the winch unwound the steel cable that suprorted us. I was in it, with father, Gardiner, Tota Dowling, and sixteen other men, equipped with search-

A strange and splendid scene it was that burst upon on an invested forest of perdent stalastites a fag-

The floor of the vast cave was still soven hundred fast below us. A weird thick jungle covered itvisaling with the secto light of huminoscent vegotation. The growth was thick and dense. Great fleshy, fungoid plants then half a hundred feet bigh, glowing with violet, bloody red and abimmering oral and forming purple.

Almost directly below us was the long black lake I had seen as a child, ahimmoring with the grean and purple of the shifting jungle that overhang its silent abores. From it, the flaming jungle sloped up to freests of officering stalarmites. Beyond the stalagdrously in the many-colored light of the luminous

Swiftly the case dropped at the end of the cable. the overn opening up about us. Three thousand free wide, perhaps, the penetrating mays of our searchlights. shound it in he. Its length second infinite. The white dazzling mys traced its ragged walls until they loot

W TE were entering an empire, within the moun!

That such a great cavity is possible on the planet is due only to the slight force of its gravity; on earth the rock wills would have become plastic

As our care dropped low over a dense forest of ena strange winged thing sprang up from the block scales. It had two yast eyes, immense oblong orbs, slowing with intense violet. It have itself on de-

Hoyratoly flapping, loathery black wings, that must have arrend a hundred feet.

One of the mon in the case raised his D-ray tobe nervously. Indeed, I felt a momentary thrill of alarm directly toward us. But with a word, Gardiner re-

And the hure black thing, norminaly danied by our battery of binging searchlights, turned and winged a silicnt way off down the dark passage to weatward, until car thin white may lost it in a mine of shortly, glittering passages.

Then, swinging there two hundred feet above the furnitiant huminous surgie, we set to clearing the vogetation away. Faninetic glowing plants melted henceth our vividiy brilliant D-royp.

As is well known, the D-ray itself is colorisas, since it is a vibration in the ultra-violat spectrum, of a wave-length far shorter than that of visible light. The faming colors own in practice are due to secondary radiation, which aids in controlling the ray. The difference in color is due to the variation in atomic the ray. The platinum electrode produces a brilliant scurlet beam. When comiam is used, the color is a bright, emerald-green. Iridium generates a vivid orange-yellow ray.

Within two hours we had swept the cave from wall to wall, and for about two miles east and west. Where there had been a wetrd, lummous jungle, only naked rock and have black soil was left. Then we landed, and left the cage. Gardiner and I set immediately about surveying the spot on the lake-shore beneath the shaft, for the buildings and yards to be constructed there, while several expeditions were sent up and

The men next workward reported that the cavern curved about, and stretched back to the east in many we were, and all grown up with biminess jungle and through that region that I must have passed in my ca-In a crater many miles east. I was appalled at the

The man sont in the other direction reported that the covern extended only a few miles that way. We seemed to be in a relatively small, bottle-accord chamber, with the curved neck of the bettle opening out into yast and unknown space beyond.

As we worked, the care made repeated trins to the surface for more men and supplies. Soon a doron flimny towars had been not up about the lake, with powerful atom-disrupter lights blassing from their tops. The stalactites of the white reof cought the light and

Father and Torn noon wont back to the city, to look after the mines and our supply of raw materials. Gardiner and I staved in the cavern, to get work started us increasing streams of man-engineers and laborers from Theorhilms and Colon and frem the smaller dties. Quickly we erected barracks in which we slept; and a dress. Gardiner and I superintended the work, taking alternate shifts of twelve hours each.

With amazing speed the opidary framework went up, which was to support the locals of the score of new reasons. In a work the studies along the lake-shore were almost completed, and our quickly erected

A strange industrial city grow up slong the cavero

wall, above the yards. There were furnoses that sear an endose hierard glow upos the harging reset above, and thendering harmore and reliting utils, and great power plant that humaned with decordors itselfing million of horsepower. Fart of the surgiment had been moved in docident af rout, the sings at Freezen, beam of the search of the second search of the second second search and the second second second plants, accelling hat time, none, and motery to make then complete.

We had been at work for two weeks, when Gardiner told me that another engineer-his name was Nordeau --I think he came from Cohen-was ready to take my place, to give me the time to work out refined place for the D-rays, with which to arm the new floct.

I obtained a short leave of absence, and went to spend a day with father and Valence and her family, up at Firecrest-for father had gone hack to the city at care.

Before I left Gardinor, I did my best to persuade him that I should be assigned to the new flest. I wanted desprataby to be with it when it want to courth, so that I might have a chance to find Leroda. And I was atread that Gardiner meant to and new hack to Warrington, as seen as the work was well under way.

The old scientist grinned quissically at my request, and reministed nos that it would be a year before the fleet could hope to leave the cavers, even if all went well. He refused to give me any definite promise.

I not out of the cars, and elimbed up the short foatway to the series varies the invertises. Once mere I lected upon the sity of my youth. The plasming with trees periaga for miles away, wattwird. The sity was diretain and energiscity heids, many stories high, the was shaped like a great resumd diss dropped by the rim of the order-as it plasmed in the lefts untight. It looks way much like a year three cond.

The riel mirce, from which had hern drawn all the wealth to make this wondrous city, were in the crater beyond, with its prim circular rim rising behind the glitenamy walls.

A⁸ I stood and looked at Pircerest, a ferre pride in When failed up in ma. It was easy. We had made it. When failer had come here, this had been have desert. All this he had hullt. I had helped; part of it was mine.

In a new topi and white uniform, I hurried arreas the free miles of hare descrit to the city, beneath the history mea-news at cares to fisher? offset, found him at work bahind a gread dark piled with pupers. I saw that he way doing mere work than be had tried in years; but his thin absudges were straight, and his hose even briefst with anihusizer.

He was gied as over to zee res. He told me that behint had come and zero, with this inevitable "dispatches from Warrargian." And nother had come with him. It had been a hard and parisans trip. The old securi had not wished to hring here; she had been compiled to get an order from Warringtan. But she said that the old follow had cared for her most devotedy.

When faither and I went to the apartments, she was triumphant, happy and stilling, as well as ever now, though the fature of the trip had left har in hed for a day or two.

When I jokingly accilled har for her bardhood in making the try, she add, hanghing, "I may book like a forded old lady in havender, John, but I ens a gitiand I mean to stay cost? Bo you think I wanted to stay in Theophilus when I had a chance to eame to be with all of you?"

Jonkins, it seemed, had not brought good news. An

army reduced near Celen under General Hall has matched for New Deston at the barance of the hear matched for New Deston at the barance of the hear barance of the second second second second force of these pages ships and for the second secret moder Maxashy and a head of the Selection at the Maxashy and a head of the Selection at the Maximum second second second second second and been distantionaly defaults, eltrashing with only a fraction of he mean. Four Unsmahl dead were left in fraction of he mean. Four Unsmahl dead were left aby and the observable magnetic.

Then Manaky's force of wardlens, sources and most-alver has married optimize the little animary conter of Kirly Foals. This had follen after a abort has payried adverses. Of the two themand inhibitants, only a handful had eccepted the ptoreal messare. The many modulence y and the abort of motions on hard had hoen inspire carried off, and the buildings and hard hoens were clearly of the Decay from the thyps.

Another and larger force, working out of New Baton as a center, had must Warrington is a hottle between that dity and Theophilus. While the combat had been indecisive, Warrington had lest reversal theosould men and a good dual of equiptents, and had have forced to retire upon the appearance of six thips of Humbdith ford.

Aftire a few largey heurs with my parenta, I went hask to our new laboratories in the covern, to set about the experimental work on the D-rays. Benorhable progress, I found, had been made even in the day of iny absence. Some of the new factories were running, turning out mently the tools with which the ships were to be hulk.

Wroks went by, weeks of exhausting tol, of slow and painfai toll. Slowly my efforts with the D-ray brought forth a military weapee that grounded to equal the improved tabase carried on the new Tellurian ships. Slowly the greet spherical hulls of the new ships were rising by the loles—though they were yet but hulls, without enrices and without wercars.

Warrington, after his defeat, had retired to Thoughfile again. Now another day had come and he had advanced again, as Jenkins-the oil secut was a frequent visitor now, with his dispatches-had informed us.

¹⁰ I had hard reasoning my request to Gardinar for a polition of the oraw thet. Always be had refused to exempt himself. But on this day lenking carse with ultrational dispettients. If the brought the news in the Warrington bad met Humbelt again and had defended him in a bot had, waiming at il in had let in the previous engagements, and more. The whole more was rejuiding for the without and more. The whole more was rejuiding for the without.

After Gardiner had yead the directions and aest dentity, hashes with our reports on the pringress of the base advance, the system environe, indirected to able advance, for, and matched "General Greners". He had always heatered me should not desire to go to earth, with question about my outliers. Now the gravelyinformed me that I was cedered to return to Thicephe Has, to resure up yeaks as equipmer-studied.

"Warrington is planning a flog cupy in conjunction with Dosno's little fact," he said, solemnly. "He wants you along, to help plan none temporary fortifications."

"Very good, sir," I agreed, saluting and trying to conteal my disappointment. "I had been hoping to be assigned to the flowt."

Thereupon Gardiner hields into years of hughter. Presently he recovered his composure and whispered in my say, "As if I didn't know! And I know why you are no anxious! Hai Ba?"

Dured and wooffering. I opened the envelope for confirmation of his words. I read: "It is not pleasure to inform you that you are assigned to Lafellette as has military corretary. You will make the voyage to carth with the fact in order to be able to work with alm on the return voyage. You will use your knowlcing of conditions on the moon and your caginasting skill to ald alm in every passible way in his preparations for operative here. B. Gardiner."

As I looked up, too much overcome to speak, and wrung the old scientist's hand in silent thanks, he grimned and sold:

"Why not bring her back with you!"

CHAPTER XIX

Treason

O A stell 19, 2350, Gardinac and I luft the First creat down for the new coeffield of the mona, at Kurrulwwarrak. It had been nearly a year almost drass. On May 1, the sam would rike. That was the new set for drawture for the assist. We wave to attact these set for drawture for the same state. We wave to attact the set of the state of the set of the set of the for the voyage and for the military operation is how the Lafordetter inght take part on our returns.

The eavers was a charged place now. All the great charker, five miles ing, has been cleared, and brightly it by atenzie lights suspanded from the glottoning state-tites of the root. It was not of from the unexplorted witherases of the hours exercise by an imponentable yellow curtain—as unbroken wall of frarays.

There was a new eity, of many thousand payle, above the fretch-next lake, with factility and/or all vinsation (ratat) envering the still where one the hummous frent and steel. The lake-dreve hummed with discover remains of the still where any the still discover remains of the still where any the still discover remains and the still where the arrows focus for the adjust state of the colless resulting stills for the adjust state of the colless resulting visits for the adjust state of the colless resulting visits for the still where we way the state of the phone was forwer force to be confident energy of the adjust.

Twenty strain ships her in these senders about the hore, his work bolin of allwar. Already their atomic hists capitan were being instability and the basey retrievants of Derryk wells all the redunsmost shall a provide the strain of the redunsmost shall be on the rev-index. The threated may, from all over the moon, were boing trained to may the mighty heat of space. Two normality holders, Deans had be't the title of spint. We can all relieve Cartillar of his duties as fourth.

Justikas had store for Gardiner and me. We left Desret in darper of the first, and not out for Kurrulawarruk upper libe monoschwender for die die die infib had fahren troe days lefters, hat is of die intervoor space arrenty, with estimotrable feredens of kurvenzoit and and asse in breathing, travel by infibit was failly as comfortable so in the stinging best of the Barry day.

Authors as usual, was parrolous, but on this sight to take was mustify of his vasied adventures in the hast year. He had been almost slowyr an the move, schring Warrington in locale with us at Firereset, and with Hall, who was still compaigning out of Cabaeration's tilk was almost a hiltory of the way. The mostr's fortunes had shown and fallen; there had been uncertained to consumpare. Warrington had supported to be defense; humade was that had be appeared to be defense; humade was that had be appeared to be defense; humade was that had be had substable to widen big territory consists of Nove booston. All in all, conditions stood about as they bad a year before, except that the moon was learning to depend more and more upon her own reasoned.

Without accident, we reached the little center with the hidden city of Kurukwarnik perched, all but invialds, spon the central peak that rease from a decert of ceptualine berillance, adent and still in the celd pale light of earth.

Warrington was there, having come with one of Jenkon' fullow scouts, Mendoas the Spaniard. There was another agoet who had paid a secret visit to the pairieds in New Beston; and Vendense and Wong Now ways there, from Hall's forces at Colon.

Most of them neurosis this is see ma applo-Wessrights nepseling to. We had a great buryond, arranged by Mayres, by way of opening the conference, and stretward the Gazeral invitation to this apariments. He published maps and dispatches axies and we out a blustant useful evening, peet in tabling even out of times topether, and in viscoing a sense's "barroo" prime bases had applied applied to the sense's barroo" prime bases had applied applied to the sense's barroo" prime bases had applied applied to the sense's barroo space had brought no base than a dozen of Mathia appear had brought and base than a dozen of Mathia tappit ships back as prime dozing the war.

Noti introlling the conference began. As each things go, it dragged on about, with a lot of useless oratory, Warrington and Gardiner, with their years of experience at such things, bed rare skill at letting the important delegates gain activity of the induction of high-scunfing epoches, and then getting them to do what was modeld.

On the second day, the Director of Finance reported that has second second and the second second second second that has a second second second second second second second that has a second second second second second second second flow actes in the value where here were keep, and forced their photographic has been made of them. But we relate the back second second second second forced the second second second second second second forced second second second second second second second forced second secon

Details former, we preserve in your, note, the second s

Was Bereditt a traitor? Was he preparing to betray the location of the ceptel?

As much as all was trutted him, it seemed that he was,

Investigation showed that connects had pareed through one of the air-bock about two tre hours before. No one had seen him; but Jernins put on his space suit and went out to interrogate bis Behrintes, which had been left at the fost of the hill upon which the city steed.

I has been the self accur was back. He reported that MOMA has foreverts young make mono-self, which occurs a strange Schule dip house than a saw, had occurs a strange Schule dip house than a saw, had before-the mono-calf a sense of time is no different from that of a formas that this point good not be diffully. The strange beaut, which according to MOMA strange of the time of the sense of a sense of the sense of the strange beaut, which according to MOMA is not been as the sense of the sense of the sense format of the straige of Gosings on a more a size. D-ray tube, had entered the crater from the direction of New Beston, creat to within a mile of the city, and lay there hidden. M'Oh, who had been about the foot of the hill below the city's wall, rambing about in scarch of bits of lime-stone to est, had thought of taxancti. He had been ordered to marn the city in case of dampar, but the moon-calf revelology is a currcos cos, and a single creature did not seem a danger to the fortified city, in his eyes. The strange measter bad been in hiding for several hours when a man m not name, had slipped out of the city and reached her hiding place. He had mounted her at once and had be rewarded the heart with a mackare of surar mbesuron his promise to take them slowly, and not get

A little figuritic showed up that Benedict, if he had there three or four hours before our discovery of his Thoren's flort upon us at once. An attack was likely

Meyers set immediately about organizing the defense there, in addition to the five thousand sivilian popula-Kurrukwarruk had been huilt like a fortreas, by the troops; the critisens had been well trained in stopping leaks in the roof, to prevent the secare of the

For my part. I hurried up to the roof. It was of Over streets and open spaces was a lattice of walks, for those who inspected or wealwed the endless sheet of

The city had been darkened, and though the roof lucant. For perhaps an hour I stood there in the blackness, staring up at the bright argenish disk of the earth, swung in a mist of stars. Balow I heard the clangor of machinery and the hum of voices as the cits was mobilized. Men were coming up about me-

Then the alarm sounded through all the city. The firing of signal gum and the ringing of hells! And a great cry, picked up and repeated until it relied

"The war-fliers! Yan Thoren is coming ?"

I scanned the sky through my compact pecket binornjars. Here and there, against the nebulous stardust of space, I picked out a little circle of perfect blackness with a weird trail of fame below it-the circle was a Tellerian ship, and the fame the discharge of

One ship dropped a little below the others, and a

"I demand the immediate surrander of Kurrelewarruk, with all rebels and traitors therein. Refusal

I could not see the historic reply that Warrington

"We defy you."

But I did not the winking point of red above reply:

The war-filer floated book up again, until it was with the others that ficated in slow emineus circles far above, like the vultures of certh above their carronnew. Then the humberdment house.

Bright, narrow piercing rays stabled from the floating black sphere toward the city. Huge flaming globes texes, dropped swiftly down. Rays of blinding yellow and fisming red and crystal green shone upon us from

And the firsh and the splintering burst of shells which the thick emarts about teld that the energy ware using explosive projectiles, none the less terrible because they were invisible in their coming.

The fearful danger of night attack had been realized and every citizen was a part of the well-drilled orgammation that now rushed to penition. In a few ward the floot from the white glass roof that spread

There were a few of the vectax projectors, too. From two or three points about the city, high on the gleaming frost-silvered spires, great figming globes light, rose up swiftly in unspding succession. when one of these glistening globes of colored flame struck a ship of space, the fearful bleat of disinteersting atoms depolished it utterly.

I heard nounds below. Harah orders, stern commands, mingling sharoly with burste of cheering and

hrightly lit with the thousand soft silver globes of the people, in hurrying little bands.

There were men and women, rich and poor, wowring jewels or clad in mgs. All were together now, all equal in the time of terror. I saw fine society women in the moticy groups, complimet under the command of

There were a hundred of these hastily granized groups of citizenry upon the roof, with step-ladders, great humps and sheets of metal and ginan. weepons were manued by regular troops; the part of the civilians was to detect and repair breaks in the quarts roof, for if the air leaked out faster than numre.

HAD no more than taken in the scene before ma. HAD no more than users in the second philad the roof fifty yards away. The concussion of the exploton was terrific. Sturned and deafened, I was fring to the floor of the roof-garden, into a tangled mass of wegetation, conscious of a shower of shattered quartz falling upon me.

I set up uncertainly, rubbing my brukes, at first unable to understand what had happened. Then in horror, I new a west yawning spot of hiszkness in the silver rood, with the stars shining through it cold and hard. In a moment there was a sighing sound from it, that quickly became a mighty rushing. A breath of cool air met my face, growing to a rearing tempest.

I struggled to my feet, dashed toward the spot, almost beloless in the gran of that herricane of encaping air. Already it was freezing, from expansion, A white formy of snow-finkes was whipped along upon it, and a blue mist had hidden the stars camide. The roof-guards were rushing up from all about, currying hoders and equipment.

AMAZING STORIES OUARTERLY



I hardly recall the incidents of the next half mirnis, if was one of mod iteracy of fasciful direct, of klind, fremsied hasts. Lines a wagas momery of ostiku puhadden against the will force of cottrahing air, of chambering up them, leashed and half-froat by the burricane, strengthing will speak thesis of metal and ghas, telling madly to got them in pince against the vansihish forceh for at the at.

Formation information to be only the set of the set of

But the damage of the bomb was repaired-all exsept for the loss of thousands of cubic fact of air. That, we could maver replace.

Then there was a little pause, when we could lock out thereash the fronted read, to watch the terrible epicoder of the battle-the war-filters of the "felluriant, in the weirdly hered clouds of the atomic blost, sometimes block sometimes blaidingly outlined in the gave of assemblights that played from the town of the city-the yays, narrow and very bright, like fierce jets of daspling liquid fire, searlet and groon and vellow, darting sharply and quickly like slender flery swords of ruby and emerald and topaz, or like striking saskesand the broad minty aprend of the vellow fan-rays that shielded the city or the ships, pale clouds of saffron and pranze, like great sheltering wings of a hovering hird-most anendid and terrible of all, the globular atomic systems great balls of llouid flamos, him and purple, crimsen and violet, floating up from our weapons like a stream of rising bubbles, or dropping in abovers structive flasher of crushing flame. It was like a display of beautiful perstectures. It was solendid, and terrible

For a little time I watched, as all about me were watching, save for a few who had turned from the fearful glory of the scene to crowd around a dying min-a neor fellow who bad been struck down by a

Then other projectiles, that somehow had parsed the protecting fan-rays, were bursting on the roof. watched another desperate mob, a few hundred yards away, cacaged in such a mad struggle as we had cogaged in to repair the roof. Then auddenly a sharply focused D-ray cut a circular hole near us, and again that desperate battle with the angry freezing wind, until the break was repaired. But that time, because we knew how, it was easier.

Again and again, a great yawning opening way teen in the thick quarts roof. We ran from one to another, forgetful of time, person or place. I was cut with fragments of slars, numbed again and again by the wind, even histored by an accidental beam from

And steafily the roof grew colder, as each lass of air chilled it a bet more, and during the rare moments our trembling limbs. And presently I noticed, with a chill of heeror, that I could feel the symptems of the thioning of the air. I was manting as I stood there. and my heart was rounding wikity. And I felt the sticky, cold moisture of blood upon my lip-my nose

When the next breach was made in the roof, many of my fellows staggered and fell as we ran to make renave. And when at last, after a fearful struggle that demanded the last owness of our children energy it was done. I now that many others were suffering I saw, were already dead

Again came that familiar place of yellow flame, that thunderous, splintering crash, that shower of sharpedged, shattered glass. And then the thin bowling of escaving air. I staggered up with a few of the others; we tottered toward that yawning black space in the reaf-with the splendor of the dancing, swordlike rave and the floating balls of many-colored flame

The thin chill air sucked up past us, seemed drawn from na with a purro. I gasped, cheked. I felt as if a damon were drawing the sir from my lungs. The intense cold gripped me. A thin frost formed over my bleeding limbs I saw that others were failing about me. I tried to shout a plea for siz-and a fearful hand erashed my threat! Blood spurted from my month, and I fell freezing on the platform.

Vainly I tried to get up to stop the tempest of air that was bowling with a shrill mournful note through the black star-shot bele above. A great wave of cold surzed over me, and seemed followed by a vague mist of golden fictitions warmth. My consciousness faded into a vague chaos of surging purple clouds. I floated, now freezing, now feeling a tantalising hint of warmth, always with awful hands grasning at my

T seemed a long time before my mind rose out of that black abyes. Then I felt as if I ware in a coffin, being carried along. There was something about Perhaps, I thought, they were frozen staff. And I fett a regular swaving motion, as if I were hting

Presently I felt warm pads about my body, and heard the thin similar of exceptor exveen, and felt a metal valve in front of my mouth that worked as I breathed With an sconizing effort, I moved, I sat pr. and fornd myself on a port of litter, easily borne between two grotesque giants of silver metal, with great round beads. And ahead of me were many more strange metallic figures, tolling about some hope machine, dragging it slong.

Then my muddled brain cleared somewhat. These fantastic metal giants were men, in athered air-pressure space surts. I had been put in one. And we were going down a turnel, probably somewhere below the

Then a voice runtled in the phones of my bernlet.

"Glad to see you coming around, Adems," he said "You mineed the order to get in a space suit, eb? We had a hundred and fifty, enough for all members of the Assamhly, and for nearly a hundred men. But "Why-well enough," I articulated with an effort.

"Good! Just trke it easy. You were pretty hodly off when we found yor. I imagined you had gone un on the roof, and sent a couple of men up to look for you, when you didn't came for the sult."

"About a thousand feet under Kurrukwarrok. Secret tunnel here. Comes out by the crater rim. about two miles north. Some atomobile there we can get away in. The men are hauling along a big D-ray mining machine. We may get in a shot in the reat."

"Warrington, and Jenkins, are they all right?" "Thanks, and we sure are," came from just abrad

of me in the maty voice of the old scent. Then I recognized his stocky figure; be was one of those

For a few minutes I by suitagent on the litter, recovering my strength. After a little adjustment of the covern feed from the tanks and of one of the atomic beating pade, I felt comfortable erough, though rather weak. Presently the party holted, and I made Jankim put me on my fort-though I could hardly

We had reached the end of the tunnel. The silvarsuited men were heisting the great D-ray tube to the The silvered quarts vacuum tube, which held the little disk of platinum which was the actual source of the Surrounded with colls, secondary tubes, prinns and condensors, it was recented in symbols in a heavy sizing and controlling it. It must have weighed twents

At last it was pushed and hauled up through the tunnel month, by the strussiling man, sweeting and ignt a hand, even Warrington himself. I was still feeling upable to do more than stand up.

But presently I destinated up beside the rooth of the tunal, where the new rew Robing the great making in place, and adjusting if fer use. The scene was life by an avoid light, A factful diverting give horizon over from the heritizet very and optimize, inferrally familiar preteres above the documed city. The suive shops of the sceney were dividing and circling how above the gives conserved resulting and circling how above the gives conserved result on post the horizon terriby

It aerond that we below upon a vertilable storm of free. Perce adverse provide above the white nonunitaburnt withing argores of acatal and green and across itema-thin astrony ray, highinghy bitch, that bydown then, and hereid yellow frances a spraw of the ways of andreas ways, how there we can, how arrow they are an arrow of them seen-childs and, highing fragment of them seen-childs and, and the fragment of theory we prevent the start of the section of a blocky movies.

And the fearful balls of firs, blue and purple and white, the modily spinning spheres of destruction that were the atento vertaxes," roos and full candidably, evolveline with avrial klinidine kursts of fame.

Presently the man passed word that the tube was ready. The registin stood with his hand on the switch; the engineers funed over the atometers, the rangefinders stood with trippels and instruments set up before. them, sighting; the guarant wanted by the which that traject the guarant machine.

I N a few moments a great globular ship, in its slow critets over the city, drifted toward us until it could have been hardly two milles away. No yellow fan-my screened it from our attack--it was not expecting a shot in the rear.

Warrington gave the order. The range-finders, at their talacopes, spoks terms directions. The skniker, elivered take of the great machine favors along the its transiens. The engineers named whinking stamotors, and nurne snake keep between the colls.

Then the called of a ewith, An intrase beam of crimero light-intense, bloody, sparking-least electry from the log of the after table. Logistic set solid as a jet of radiy, molten metal, it implayed squarely upon the vast globe of after a blove.

The white ship blackened; then its site was it with a red glow that became quicky incandescent white. The war-filer costned to shapper hemath the beam that was swiftly disselving her armor, and fusing her with the superside heat of atomic discussion.

Bill our vast aftert been of crimeen clurg to the war-fier, despite her signs rolling to an effort to accept. Had the tube been equipped with the refinements I had intely perfected at Firerest, we should have been victors already.

"Into the tunnel!" Warrington abouted suddenly.

Foll-mell, armored men piled into the open mouth of the passage, mixed down it. We were not a memori too seen and were hardly there when a shattering blast came from the tunnel, and a sudden flare of wiched finme. Fifteen minutes later we groupd our way back to the surface, over a hank of failen debris. Where the tunnel-mouth had been was now a wast craise. Of the D-ray machines and its crew was no eign. But the war-fiser lay, a crushed and blackeeed thing, upon the zone-covered desert a half mile away.

The six remaining ships continued their bombardment of the city as if the fate of their sister wased had not been noticed. I now that the rays from the stirt's crucial towars were fawer port.

We had not time in advances upon the fullen vectora whispered conference of a fave second decided the matter. There was considerable peril in [1, if the obser ships should happen to see as. But they were still well engaged-ones of them was caught by a switting stored vertex and dambibled in a frarful explosion almost as we started.

Our brief dimension aboved varied methers for investigating the werek. The non-had houghts of tohaces, mosty, new weapons, and of plunder generally information by inspecting the semanness and angless of the fathe only. Warringshow seld that the file had we might be fortunate encode to find its papers undestroad, that they might contain window secrets.

After a few minutes of custicus advance over the allwared phain, the wart metal hall boosteed above un, twisted and hear by the fail, background and fused by the action of our ray. Hidding under the edge of the wrendod monstar, il took but a few minutes for us to cut an opening in her phates with podet D-rays.

A blast of size neet us so the rays cut through, it from in a thin bhus forg, and stilled in suiver front upon un. We shood back a few moments, suiti libthrough the organization of the size of the size through the organization. Southered should be lower anging comparison for Southered should be size through the organization. Southered should be source anging comparison for source-back much how sourbodies of a decome non in group coverails. Some of them were still lines and warm--bay much how sourof the size.

We found the alr-lock that led to the compartment form, and externel it, energing in the quarters of the orew. There were a source of living men there, but they were marked and othered no resustances. From that we were on up to the D-ray deck. The walls of that had been broken, the wereum of the night already had entered there; and fromes non stood stiff and greeners, there there and fromes non-

From the ray deck we passed into the compariments coupled by the officer. The wells had held in the menimate were still alive. They were instand to restarwith pocket rays. We last four max in the brief executes, and were seconded to kill itwe Talbritans. But we code seves prioraces, installing Macondy, the estimate of the fixet, king, the capitals of the shop, and four minor officers.

And the seventh man was Hencelic, the trailor, When the others surrandered, he had field to a stateroom, locked himself desperately with a pocket may, killing one man and weuming two more in spite of the predection of their space armor. But we beek him allve.

He was callen and allect. His dark face was furthed, and his black cyce smoothered with bats. He stood stilly at attention, notising to speak. Warrington had his person searched. Crofit units to the value of nearly haff a million wave found, and his commission as a Director in the Metalle Corporation.

"So that is the price of the meon?" Warrington asked him scorafully, waving the documents.

A look of misgled flerce peide and humiliation

⁻ The some vertex is parentied by a shell, addit probable of playing a second of the second framework in the second wate for analysis of the second framework in the second wate for analysis of the second framework in the second second in a second second second second second second second in a second second second second second second second in the second seco

crossed the face of the prisoner. He hit through his lins until bleed outed from his mouth. But he made

"We shall be connelled to court-martial you, on

"Go ahad-dann you!" Beneditt tried in a hoarte

Warrangton presided at the military trial, with Cardinor and the other officers present as judges. The churge was formally read to the prisoner, the case briefly transidered. He made no atternet at defense he refused to speak except for bitter curses. The

The prisoner heard his doors in allent defiance, with scoraful hatred fiaming from his eyes. He was commanded to stand against the wall of the wrecked control-room, and complied like a man in a dream. Three man, in bright silver armor, esulpted with pocket

Suddenly he laughed in hitter scorn, his black gree

'You can kill ma!" he cried. "But you will most the same fate. Your hidden cave! Your little flort! Humbolt knows all about them! When you got to Firecrest, you'll find a wrock! Now kill me-and be

He closed his mouth, folded his arms, stood there composed, beering in a cort of triumphant hate. I might almost have pitied him if his words had not thrown me into a fever of rage and fear.

"God have mercy on your soul!" intened the officer.

Three narrow rays, one bloody crimon, one emerald was a dull, explosive "plop" and a sudden vivid hurst of white fiame where he had stood.

And the man who had been false to his world was

CHAPTER XX

Tracced in the Cavern

W^B isft the ship as seen as our buginens thew that we were not observed-the waird battle shove the city was still being hetly forght. Five minutes later we were back in the abadows of the

At the month of the tunnel through the crater-wall we stopped to watch. Narrow pencils of iswaind fire ware still playing upon the affver thips from the city, foating up. But those may were fewer than they had demolished its projector.

of fire from above. One by one the defending rave enauped out. In a few minutes the city was dark save for the crown of vivid rays that spring from the highest peak of the mountain. Now all the armament of the five war-flars was focused upon that one last battery. In another minute, its beams blinked out.

The curviving workin of Manufac's feet made nore remained. Carthage of old was no more completely the Tellurian abips that had fallon were obliteratedthe object being, I suppose, to keep them from falling

Then the five great ships roos, and proceeded de-Eberately in the direction of New Boston.

We antered the great tunnel that pourced the crutes and the machine was a poor substitute for the great

It seemed cartain, in view of Benedict's last words. that the extestrophe at Kurrukwarruk would agen he repeated at Firscreet. I curved the traiter when I thought of mother and father, and of Valence and her little family, when the ruthless that should fail upon

A doorn of the mathines were waiting in the chamher cut just inside the tunnal-mouth-alender, gleaning driven by atomators. We started them, ran them out into the bright light of earth. Wonderful mechanisme wild mountains of the moon. But under receient conditions, when the roads were wrethed or harricaded they

Warrington had to go hack to his troops at Theophihus. Gardiner went with him. Vendome and Wong Kow were returning, with a party of aganta and officers ment officials who had escaped, including Greenville The glasming, cumbrous machines formed two little

To Jenkins and me was left the task of reaching Firecreat, if possible in time to give warning that the city had been hetrayed. We had the lightest and swiftest alurainum siloy, and powared to do two hundred soiles per hour on a smooth pavement, though we could an feet bottled them up, and set out for earth.

It was yet some twelve hours until day when we supervised, and elattered lumberingly away into the stillness of the frozen lunar night. The heavens were a rich flery empty above-a soft silver mist of starpoints binning hard and cold within it. In the midet of all was the earth-a broad bright disk of grounish hise, wague and misty with continental outlines, and tract there was indeed, between the liquid heauty of the earth above us, and the trushy and suffering its poople had brought to the moon White front lay orse all the cruel wilderness of rocks about us, and upon the dead, crushed vegetation of the day; and the bright earth-light poured upon it in acintilisat spiendor.

WE ware many miles from the lost city of Kurrakwarruk when the rising of the white cone of the zodiacel light foretood the coming of the out. was at the whool of the humbering storrobils, driving tiful earth. As we went, Jenkins anxiously watched the sky, for sight of black circles with plumes of flery mist below them, that would mean a fleet bound for

What if we should be delayed or lost? What if our charms of the moon, and we became a pray to the

Such thoughts made me fearful of every black shadow that lay belund the rocks and precinices of that brillight neowy plain. The sky, all the yold above, with marvelously clear. Incredibly black, it was, with thick white stars finning in it. Far off, to right and left and hefore us, rose ragged monstains-great, alender, rugged white peaks, far sharper and more crud than any hills on earth. For all the floods of silver fight cliffs in black shadow, motionless and distinct, there seemed a sunrular unreality about them. They were grire, and fearfully cold, and terrible.

The atter loneliness of the night, the knowledge that we were notret of miles from say other human, thei channa masked by the predery blankst of frozen air and anew, tarree of wild moon-calves-all these proyed

Decementaly I urged enward the throbbing machine. toward the vast cone of misty golden fire, the solar corons, that creat up so slowly in the east. Jenkins sat intent and watchful heade me-affeat, for aponlog and from air slipped and crushed beneath the tracks, but in the vacuum of the night, we heard no sound of it. Sometimes the machine topoled over unscen edgee, and fell into powdery drifts. At the rate we traveled over the naked rocks, the riding was unmercifully rough, and we were braized and tossed

Day came at last, when we were midway of a great erater floor. The larid writbing prominences of the oblar corona rose over rugged black mountains, and struck the from air with a best that out it hissing into marky yellow clouds. We drove on into a mist of glorious fire, fame-yellow hefore us, blue and amoky hehind. Vanor rolled up in thick clouds from the rocks. lit with red and purple flame; and the vest ruddy sen burned releatlessly through it like a red, malevelent

An hour later we came unexpectedly to a "mooncalf road" as the serving is-that is, a path with a leap at the cod. In vain I slammed on the brokes. The stobrink, to fall for a hundred feet. It was hopelessly wreeked. We toiled with it for hours; but an axle was twisted, the springs were broken, and the motor itself

We same to the reluctant oppolition that we should have to go on afoot-although that mount a desperate fourney of hardshins almost unthinkable. After a last tacked the climb from the crewice into which we had In a few minutes we wan the plain, which was al-

wonderful metal suits, without which life would have been impossible a few bours before.

We had cowered hardly half the distance to Firecreet. We had two long days of travel before us, to make it afoot. And already we were ethousted from efforts to renair it. But we hapt on, driven by fear of a

The red sun blazed down fearfully. We had no proper nua helmets; our heads were protected only with headare of white rars. Indeed, we ware only the underclothing we had had on beneath the space suit. In a few bours my skin was cooked, and I new that Jankins was hurning with flery inflammation, though he did not consists. The warst of it was that we had no shoes-the foot-coverings of the space suit not being detachable. The cruzi, sun-heated rocks cut through our acces with the dryt few lesss, and our hlistered, blooding feet left a mark of grimion for every hear.

That was a double server. The pain of have torn fost was all but mendurable. And it was almost certain that a band of the wild moon-calves would come across the trail of blood, and with their passion for animal food run up down.

with the strine of cloth from our undershirts. But the wrappings were soon tern off, and the sun heat terribly men gar emored thoulders. Two or three times we found a little unmelted anow lying in the black shadow of a cliff, and crammed handfuls of it into our mouths. like hot ashes; and a few drops of water failed to alack a hurning thirst.

Again and again I looked back over my shoulder, with a thrill of uncovernable terror. And at just my fears were realized. I saw four little black dots back of us, hitle dark species that floated up into the sitand drifted back down to the rocky waste of the descri-

I stopped, specthess, in a persivit of fear. I could not sreak, but I thrust out a trembling hand. Jenking dry, swollen slips grated a ningle word: "Ka'Larbeh!"

We hid and watched-reactionsh, for the even of the Selenitas are incredibly keen. I think I acreaned when I know that they were morn-calves, that they were coming down our trail. Then we renowribily, maily, It was foolish, for nothing can outrus a Selenite. With desperate efforts I plunged into the sir, flew forward, told of it are not good to think about

My breath came in gapps, and my tongue felt wast and hard, like a great roll of dry leather in my month. My head folt sulitilar from the heat. I felt as if I ran over red-hot iron. Presently I found that I could learn no more. On hands and knees I crawled to an overbanging boulder, to wait for the end. Janking coling of his breast, and his eyes wild with terror,

a vigue spathy of terror. Four or five more huriling lorns and then . . .

BRUPTLY Jenkins cat up, solbing with wild hypterical langhter. I stored at him in duit astenishhis ficsh cooked to a raw red. Brick-red tousled hair fell over his bilstered face, and ranged hits of red weelen underclething hung to his humod limbs. And

Presently I saw that he was trying to speak. The razing moon-colves were simpet upon un an he jorked

"Kall arbahl Like hell! It's M'Ob!"

"M'Ob1" I repeated, ancomprehending

"M'Oh. My M'Oh. My moon-calf. He pomebow get sway. He followed us."

Indeed, I now recognized something familiar about

even, as it came to a crashing halt heade us. Jenkine, face, he embraced its long tentacular limb, while it foucied his sun-hurted boir with evident affection.

Terrible hours went by, as we weltered and resided in the increasing heat of the sum-but our relief was so great that we faced the new hardships without

Pircorest came at last into sight-a bright silver disk, close against a black crater wall. It was safe! Then, looking behind, I saw six little appress of

pulished allver, sepiding toward us, swift and low,

It was avidently too late to get our ships out to most the eastny.

I shouted my discovery to Jankins. He urged our mounts to the limit of their speed, then loaned to me, and abouted ;

"We'll go hy the cave-mouth. You can drop off there, with the papers. I'll go on to the city, warn them,

I should assent. On we flew. The white halls grow behind us. I saw the familiar houlders about the concealed covern-entrance. Jenkins about the cellhis arms to our mounts. They drooped heads the nit. where the great valve was ynwning open. I slipped off my mount, with the dispatches balted about me. M'Oh thundered on screes the monotonous waste of hurned rock, with Jenkins upon him and the other menaters following. They would, I thought, have time

I ran for the value, leapt down the stair to the angina-rooms, shouting the slarm. I found an idle great pinch of wix-wir. He stared at me stupidly, In denouration. I neited the levers myself, deanite his

But it must have been too late to hide the shaftmouth; or more likely, Benedict had revealed its shattering crash of an exploding stomic vortex, and the

Soon the great case had risen, was carrying me down into the hidden covern. The fearful concusaion of exploding vortexes were crashing continually about the top of the shaft. I was impied at the cavaru floor,

A tail man he was, of commanding aspect, with penctrating hips even. He listened calmy enough to my hrief report of Benedict's treason and of the fall of Kurrukwarruk, and read the dispatches from Warrington. Then he informed me that the last adjustments on the ships had been made, that he had only been awaiting my return, with the final orders, hefore

Now, with the fleet above, it was hopeless to attempt to get opt.

In anawer to my carey inquirios. Deans told me that father and mother, and Valence and her family, were all in the city by the crater-I had been house una reasonably that they would be in the safety of the

"The city is fortified." Doane attempted to console

De. "The first can be haid off for a time, at least," "But in the end, it will be like Kurrukwayrak... wiped out utterly," I mid hitterly. "And we much sit htre, fdle. There is nothing we can do?"

"Nothing that I see," Deam agreed. "Though our twenty new ships could sweep them down in five minutes, if we could not at them. As it is, wo'd better it out with their rays, there'll be hall coming down."

He hurried out, to give orders, and left me standing alone in his little office. I walked to the door, and looked out into the vast cavery. All shout me was a modern industrial city, very new and rother ugly, with towards successfactor and have naked machines and long iren abeds. Above was the white roof of ginten-ing statuctites, bright with a million flashing stalights. To the west was a village of bright little cottagee, with green gardens about them. And enatward lay the yest unknown regions of the course, out off

The aight gave me an idea. Once before I had been in that great cave, in need of an axis-when I had found the place, as child of twelve. I had but the vaguest ides of my terrified wanderings in the caven. crater, about fifteen mike due east of Firecrest. I was sure that I had gone through no nanage too arrall

Presently Doans came back.

"I'm having a great ateal plate forged," he said, "the size of the shaft. We'll fasten it about midway up, and plant charges above to shotter the walls and hring thert down upon it. We'll have accepting that will take days to cut through, snyhow."

"I think we can leave the cave," I said,

their rays aiready focused on us, and no fam-rays to protect us. They would get us one at a time, easy an smashing hottles."

"I don't mean that. There's another way out of the

"Another way !"

"About fifteen miles east of here. We ought to be able to find it, with all our searchlights and navigation

"We'll try," he asid hriefly,

The crews were already sheard the score of vast silver ships that lay in their crudies along the shore of the black laks. Donne called his orderliss and eavy a hurried string of directions. Ten minutes later we were on his mighty flagship, the Cornet.

WE rese, with the rast of the immense vessels fleating up behind us upon their misty sterric blasts. The yellow harriers of the fan-rays dropped before us, and we passed into the mysterious lumin-

hidden world. We sailed swiftly over luminous jungles lights fishing on glistening white vanits above us. arms of a Y. We followed first up the right arm. That to a great lake, filling the cavarn for many miles. It have been luminous organisms of some kind in the water.

I knew that I had named no such thing during my days of desperate and terrified wandering in the cavera as a hoy. I had Deans return to the fork and try the other pastage. The elistening erental real import upon us, and we swept low over an oldritch Stagle of nhousbureacent green and white and red-with the titanic silver spheres strang out in a long train behind us, alight with the blaze of searchlights and the writed flame of the atomic blast. The covern fairly swarmed with gigantic black reptillian things, with wingsprund of a hundred feet, their vast eyes burning, burninous, nurne, makevalent.

¹⁶ A variate of them extremeled our ship, which was comercist in the lead. Secret of them circled close about, sersaming with crise that rang dreidflight against the low roof and the narrowing walls of the care. Their booked dawn escond formilable sought to rip up metal plates. I booken as our shall be an entry impertured Data to the low was the born through the bisleasens of the heigher-torus.

His look, though smiling, reminded me that be was admined and is more passenger. "Very good, Adams," was all be said. I returned to the window, and stared with based breach at the immunes winged things, in the glatening armor of black scales, that were dying around as.

A few measures inter one of them plutged directly at the ship. Its purple eyes glassed terriby; it showed a long juw filled with teeth that looked capable of chewing up stell ingots. Involutionary I drew hack from the window, tensite are measured for extantroubs.

But a thin beam of rich golden light jetted suddenly



from the D-ray port just below ma. Instantly the black member was outlined in heritizat incandescence. Then it was falling in burned and smooting fiesth. I realized that Doans had given the ray men orders to bring down any of the thrings that came too near.

But for our marvious tavigating instruments, we should have been utterly bot. All was, first mapped the structure as we interly bot. All was, first mapped the structure as the structure, the structure of the communications, and east east the desceveries to be recorded on the gap. We very start to be reorded on the gap. We very start as a structure of the gamma to turn and refere a start, but always pretraining nearer to the spot that I and marked on a plotorapidle time or map of the very bard, as the center with project and the start of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot that I and marked on a plototication of the spot the spot the spot the spot the spot the spot term of the spot the spot the spot term of term of

At last we reached a slamiting upward shaft, and gausd up to see a patch of blue-black sky, with three bright stars glasming in 1. Doore cert out a cell to the other vessels, and ecce they were gathered in a long Fue of ellow spheres behind as in the covern.

We pushed forward etsedily, but with coulion, sometime pausing to sanoth a projecting beings of rock with a D-ray, for the passage had became perilously marrow. We concrete at hat in the bottom of a tiny, high-walled crater, athinnering in the giver of the while and that thanged above the cruel end hofty peeks.

One hy cos the immerso after gibbs cans out in fashing spin-nice to most the day. In a few unlowes our whole flack was floating in dese formation in the catter. As we would of or the other chips, Daum had been such in interess thought over the instrument bord, caractipit traing a challifie design on the lock of so abilithtic being more intermediated and manufactors disparant while host in corresentration.

When the last ship dreve up out of the crevies, he gave the order, and the fleet rose with the Corse in the lead. As we monthed abave the crarged crather rines, I presend my face toward the quarts port in the wood, fourful that I would see Firecress such a desthe manifer words as Eurocements in the been.

But I are that the city still held out. It pleaned in the up this a bright disk of allow by the crasher ring, with the estimation D-ray still fishing up as if from living feasis set in it. There of the energy abigs hung above the city, raining D-rays and atomic vertices upon the abolicating adding the shade. The other three ships were nearer, evidently becharding the shade.

We have down upon the ships above the shaft ab registry post. They must have quickly seen us, for the rain of finning vortcases and the shifting chower of may sofidally stopped. The three var-direct lifted a lifting, and drew together, between us and the city. And the filters benchmaring that place solution but their first Seriess damage, I naw, had already been down to the althabuts towers and domain of Firveret.

Buans three his fact cut to either side as we flex. The silver files took up a sensent formation; and when we closed in the horms of the createst folded about the three energy ships. They waited, hanging over the shaft, until Deene released his first breadside of atomic vectame. followed by a playong roller of rays.

Then they daried quickly upward, replying so beavily that they accessed veritable halls of fizme, silver globes eccruated thick with sontillant sense that shot deadly rays. I can hardly explain their manenver, unless they discounted our strength and expected to find our ships manned with raw recruits and an easy proy to their well-for used onsiaucht.

Bit Doans had seen that his mon ware thoroughly trained. The three Fellurian filters found threadever highes in the center of a deadly ring of first. In a few second sour deadling rays ware estimate threads their acrees. They made a desperate effort to break way, but too take. One of them was avaid-easily alight with vivid incandences, and failing crassily. In a memeri the two others of shared.

All tasks, the three ships above the baller entrol only in a first sector of the sector of the sector of the sector of sector ferror sector of the hard the sector of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the hard performance of the sector of the sector of the sector of the hard performance of the sector of the sector of the sector of the hard performance of the sector of the sector of the sector of the hard performance of the sector of the sector of the sector of the hard performance of the sector of the sector of the sector of the hard performance of the sector of the sector of the sector of the sector of the hard performance of the sector of th

As hour later we dropped before the walls of Firstcred. The cores trim glass armor was abstarted blackend and grambling from the bombendment. But hung grows were already repairing it. With a five of the officers who had had friends or relatives in the city, 1 hurried in through the ariteck.

An easer crowd was walling for us, elamopons with hymietical joy. Jeskins busiled out to greet ma, atruting in a new red truck, priming and wary glad to see me. I found failur, with a wary lock bersait his imply maily, with mother laming an his arrs. She was laughting with joy as I took her is my arms, hat I new the fury disk of taran turns her thesis.

Before we left the ship we had received the order from Admiral Donne, "We start for earth in four hours. Be aboard at 14:55."

CHAPTER XXI

Lafollette

The burn seems but moments until it was time to so about tha Const spin. The which applitions of the city, still in a frame of hyperboling the second set in a almosting through the burn of the fact that had awad then. I say, however, while or sets a work, regolating shattered while and time the obstrated shaft as the the while and time the obstrated shaft as the the years.

Jenkins, though his equilibrium was a bit unstable as a result of his part in the calchration, was on hand to wish me a good voyage. He became eloquent, and even tearful, at our parting.

Valence and Tom Dowling were out to use me off, Tom a tall, isaned, clean young follow, who looked rather odd with a soft pink baby on his lean, bronzed arm.

Pather gripped my hand crushingly itsus break down his eakn reserve to far as to throw his nerms impaisively about my shouldwrs. Mother, as always in parting, was beave, Sha tried to bide har tears, to appear charful and amiling. Her last word was a gay little list, though her voice brokes with an invenientary nob.

I fell them, hurried through the lines of soldiers that were guarding the vessels. An elevator whiled



me up into the gigantic silvered hulk of our flagship, the Genet. A few minutes later I stood on the hridge, a licenced passenger, watching the height silver circle that was Pircerest dwindle and vanish in the rugged gray paperame of carlter and plain that was walfup contracting to a huge motiful public sphere heithd us.

We rose at almost the limit of our power. Soon this more use but a hope hall below us, with every sharp, jagged fine of her mountains distinct in the mereless light of the sum that hazed upon her. And beside the damling whiteness of the more, the sky was utterly black, and dured with dismond stars.

I went to isother window, and saw the earth shear of us, a pake sing option of any the acrossest run of white brilliancy, and its dark limb acrossest run of white brilliancy, and its dark limb actilized in spaces suring about ofder, and it appared to be shown. It closely for the girl why were swilling for mabridge and went to my othercom where I could play again the word revert dash bud given ma-

I heard her clear oweet words again, "I will be waiting. My radio-recorder will be tuned always on 5.678 motrors If you serve come, call that and thil me where I can come to you. You know that I love yea-Greeve. Laroda."

Oddly, her words, with the ringing sinserity of their intension, and the little catches in their utterance that revealed imagic daspely, reduced me to the point of tears.

Our promage to each was mide in received-avoiding time. Which have projectory, we were able to accolorate in a few hours to the limit of speed considered and in the metericiteratured innus. And with our greater broking power, and more responders earthough the each sould be checked or manorevent more smally, by the mend agend. We distorted on May 5: and on the slight the mend agend. We distorted on May 5: and on the slight

I enjoyed my association with Frei Doane during the veyror. The mini helinfal high proving high eyes was enactive as his tail and adultitis heigy. As we sait at table to join me for a game of chars, for an animated discussion of the latest drama. From earth, or of secontions at to the future of the rinos—he was almost callotion as to the future of the rinos—he was almost calloing in the hereafth of undertable.

In the lot measure of inter-densities, we ways generations of the second second

At lock we agreed that the pain fleet sheald approach the cert's how re blo Nertin Paie and Land In north Greeniand. The Coset would have the fleet and faccord just atter that an the multile of Lake Painting and the Coset would rejoin the fact. For a soplane, and the Coset would rejoin the fact. For a sowith LaGozette. When we had made the arrangements with LaGozette. When we had made the arrangements

We entered the conic shadaw of the earth fifteen through miles above it, thereby encoding the danger that the glassing reflection of the sun upon sur silvered weeks would be netleed by terrestrial observatories. At an altitude of five bandred miles we separated; the rest of the floet vanithed in the northward sky, and the Genet and into the distant's multice simonitors. Bris and I were handed in our little spead-bast withcut societars, though we were at first almost halphone under the powerful gravitational pull of earth. We district the interms capara, and some were distring away from the colosal silver hall that robe to lightly upon the waves. It a memorit it had robes helding us, watching in a pail of unfamiliar gray olouds that shut out the measihight.

I is half an hour the hright minty glow of a million lights was burning through the hans before us. As we neared the shots a floating craft passed us. Her wide decks were athinas with light, and we heard owift throbidy music from her. Other bright lights dated through the clouds above, but we ware not molected.

Without activity, we reached the shore, We first approached a Multilarity in garden, with gar fortal exponential a Multilarity in garden, with gar fortal choices in a function prime of fight, while have thread glazed and etectorize lookapseders themelered and adverting adoptions. We raw up the basic for half a desse milles, to a quitter place, where there wave dark, then wavebrown, and harded.

Bris opened the sea-cock in the little heat, and headed it out again into the laks, under power. We would not need it again.

In an hour we ware load in the gay, routiess crowds of the ansaemost heach. We entered a colosial gives neuroech building, elector and tall as a least peak, that towered up in a biase of electric fire. We mounted as elevative to the flying sizers above the reed, and there took a private plane to the Chicago offices of Transo.

Latolists, we now karred, was in the preat buildlag-has had a with of rooms there. At first the seretarios refused to call him up. Hy mease of a preserve hilo, I get in takephese communication with him. A weed was enough. It a few minutes we was received as housered genetic fin he private rooms

It was the first that I had not that great friend of the mono-people. He was only of molium height, hat there was consthing of impressive diguity about him. Immachizely dressed, he looked the cultured articlcrast that he was. The quiet induces of his rooms revealed unselentations growtheredime.

He welcomed no most containly, with a quiet chosentity. He inquired exceptly after Warrington and Gardiner, who were od friends of his. His gyes anapped with indigration when be heard of the destruction of Kurrukwarrak, gleamed with satisfaction when we told of the crunking of Massaby's Hest.

"And now the meen has a fitel, and che is ready to accept the aid I promited Gardiner?" he asked us frankly when our mensages were delivered.

"She is." I cald. "I am commissioned to be your perretary."

"Good," he emiled. "We can begin gathering my forth in the morning. I'm sure your services will prove valuable, for I've nover been to the moon; and I truet year! find me as easy matter."

It was lide when we retired to the excellent roome he provided, and by that time I felt much hetter acquainted with the peliabed gentleman who here so sincers a friendship for the moos and for liberty.

The second secon

The one to Deane ran eimply :

"On the lake May 26,"

And on 5.678 maters I sent this call;

"Trance Building: Chicago, John Adams."

Trans binning. Concept of Aurice. During third day, I fawr, I was of Bibb nooldance to LafaBetts in his secret collection of armed troops and upplies of way. I spent most of the time on the singe at the top of the building, occaning segrety the faces of the endies lines of passengers that disembarded from the incoming serv-hours.

The sum want down, taway and red in the suffreen west, and dusk settled upon the stark buildings, lighted by the pake hole of eiler monshight, and by the dusifing gleam of ma-mails day upon the imay ways and amousement photos. A few stars shines feasiby through the hazy gray sky that is so strange to the visitors from the moon.

Until lists in the night I wnited on the platform, feeling new hope when each bright light ghied down from the sky, and falling new into the pit of deepsit, when each great liner reaibed up and away without having handed the dear girl I awaited.

And she did not come.

The next day I was havy, and could not meet the liners. I speat the time in conferences with Lafoltitis's linetantata, discussing couldina on the moon, the present state of political affairs, the military tactics which Warrington and Hambelt had found affative, the supplies and equipment that an array would need for effective constitues.

Labilitiest was preview to mean ally. He was undertaking to collect and arms a force of forty thousand mon, which was should as many as one forst yousand involves the start of the start of the start of the transmission of the start of the start of the start work of the start of the start of the start of the importance of the start of the s

That evening, Larods had still not some. I breakeast both my brief measages again, on the charace that they had not been picked up. We had been on earth two days, and it holzed hat three of the time set to embedy for the moor senin.

Noti day we were vory husy. Supplies were coming in, being etered in wareheauss sleag the lake-shore, many silks show the busy plasaure and connected sections of the city. There it seemed that we had a fair chanse to amkerk at algoly without discovery. And if we wave discovered, as Lafeljetis asid, we could fight to earth as well as an the mean.

The troops had been mostly collected, and were quartured in immense apartment buildings a few miles down the water-front. We secured a number of motor boats for ferrying non and freight out to the flort.

After our work was done on the blief day, I went book to be heading estage on the root, and nate estalimer that come in until long part midsight. A great dread was hegining to solve and. I beech also heading the solution of the solution of the solution of the part of the solution of the solution of the solution deve to any error is including the heading to the solution deve to any error is including the heading and heap rest. A solution of the solution of the solution of the deve to any error is including the heading and heap rest. The solution of the solution of the solution of the deve to any error is including the heading and heap rest. The solution of the solution of the solution of the deve to any error is and the solution of the solution of a heading the part green that and the the neutrino of a heading the solution of the solution of the solution of a heading the solution of the solution of the solution of a heading the part green that and the solution of the solution of a heading the solution of t

On the next day I sent the call again over the private radio. At the rick of inviting the attention of Metals agents, I made at a little more definite.

"Leroda, I am waiting. Tranco Building, Chicago John Adamo."

On the fourth day I was keep with Lafolicits and likes, provide the second second second second the localing of it. That day, and the night, and the second day percent likes an age to ma-pert of sec prepending had to be made upder cover of dathered, and we worked all night. But permissions, on the end of the last day, the yellow ean second to plange with fattal speed toward the first of the needs above. It sets fully

Lafeblets, Bris and L and some of the efficient, the a birst hady meek in the preset diming half in Transco Building. Lafeblets gives last instructions to the secretaries and viceopresidents who were to ease for his interests while be was away. We took the elevator and were shou put take rest stars, where the private finer waited to take us down to the eld docks, where our force was askiered.

While the others were getting absord, I ran to make a host inquiry, found that the threagh lines from San Francinco was due in five mainteen. It was a host folding arrival one comparison of the second second folding arrival one comparison of the second second host of the workward eventing should be yellow host of the workward eventing through the yellow

Then my heart zowe a glad leap, and I teenhled with increditions joy. For Lerods was the first to stop out of the skulet stoh hul. Except, she tame running across to meet me. I kept toward her, seized her arms and acament her dear foundlik face. The lines on it theored fulfigue and werry. But her dark eyes were alight with a rereat gladgem.

Intering the near crowl and the busy attendants, I took her in my arms. Time passed in oblivion until Bris was by my side, suggesting that we ome sheard the filer, so that we could be off.

the size, to this we could in du. "Story it took meas hear?. Lettoh said. "I was in Hear Kong. I took the first aerokane after I heard took we can into a fright storm, a tribut, each by the Meharological Service. Motors were overtreined in goilding out of it. Tooy borned out, and we canno down at as. Had to wait hours for a dow surface basis to find an and how as ho Havail."

By that time we were reside able by tide in the filter. I global world's forward areas the bright starg, and obst into the dusk. Northward we aped through the gathering durknose, with the epicatide towers of firs that were againstic buildings drifting part beneath us. As we wont, the lights grew dim, scattered, gave way to a shoot of durknose.

Then we had landed by a dark lalm-sbore. Scores of man in uniform were hashing nervously about, and great plice of cruits and hours were stacked up above the water. By the sid plers, which probably had not hean used for a century, wore long rows of boths, landed and covered with white tarpanlins, with alert mon walting at wheels.

An hour went my, with men hurrying shout, loading hours and heavy sades on tracks, and unloading them applie. It is was confined to me, and it was all in the wages twillpht—a half-light that seems very stratege to cons from the moon, where it is always at that its and day or Stygtan might. There was an undercorrect of strained surgements in its.

What if Doene did not come?

Wat it blan had not anyword the message giving him the date, had not anyword the message giving him the date, had not been expected to do so, for that might have betrayed his pasition. Nothing had been heard from him since he dropped Bris and me on the lake. But that hear massed measurity enough for me. I

but that noir plates possently chough for me. I sat with Leroda in the flier, listened to ber vivagious

account of how also had spent the last year, told her something of my recent adventures on the moun,

I was overjeyed to find her mady amongh to go with me to the moon, in the face of all the parties of the fourney, and in spite of the fact that the on the moun was a very uncertain preparition, until the war had excided fourneable.

It had been dirk an hour when one of the houts that had been out mouting on the lake returned with the welcome news that twenty visit globular ships were fronting up toward the skipes, upon the still water.

Then it full to my hat to go out with a signal light, and establish openmutations with Doats. Lereds valuatily insisted upon griding along in the motore beat instead of waiting on the show, and I yielded. We were five or six miles out when my castlous signals were assured.

Five minutes have the massive bulk of the Gonedwas abutting off the pale stars before us. Guided by my ficinity electric torch, the gipantic ship glided up before us, and I ran our fifth boit under the arlock. The electric upon was let down in the gloom. I sentined tecods to fit and examiled et.

A few words to Beens, when we had been shot to the bridge, cuilined the situation. He gave orders that such the stee dirifting to within a thousand yards of the sheev, to be there with mulfied riding lights until Latellyitty men and supplies could be carried abard.

He received Leroda most chivalrously—than offered, with a grin, in his capacity as explain to marry us for nothing. But we had decided to let that wait until the end of the way.

Soon the long lines of phips was in portions, and the regular structures of men and supplies was coming across the black water from the old docks. Another three hourse, and the work was done. Latelletts had even abourd, to be received as an incorred guest, and the fact was houting out, how over the dark lake.

Donne gave an order; signals flashed from filer to filer. The pale firs of the stemic blast jetted flaredy from the regulation tubes, driving us out into space and itseard the moon scale.

CHAPTER XXII

When the Comet Fell

THE wayage hack to the moon was a woosferful time to me. Never before, except for that toobrief proteid at New York, had I been much at the company of Lerois. Samelines a space flor is a dall prior, of rightid monotory. But thet workerful git! transferred the Const for me, into a paradise, a rulling gradm of worker.

We strelied the rep-table deals together, hand in hand, and found sounded concerns in the vessel where we could set together for burn, numbered. We seen the concerns the set of the set of the set of the deals of the set of the set of the set of the periods in ministe space. We tabled ; we awe "iteres" pictures; we result set of these mars uses, when we tode pictures; we result set of these mars uses when we probably memory and poster and results and when we probably memory and poster and results and the most probably memory and poster and results and the set of memory and the set of the set of the set of the set of iteration of two.

Levels tool into the story of her life. It was far from a happy can. Her father had been klidd when she was a bairy. Her mother had been klidd when she was a bairy. Her mother had been knowled about the arith for the secret that had led to her father's death. She had been spirited every when Levels was invite years old-sto the in a secret prince. The girl had lived her life in terror.

But sorrow and fear had not spailed a summy, cheerful nature. Now we looked forward to a life that would hring har all the huppiness she had missed. We dreamed together of the home we should have. Sometures dhe sang to me, her marvelone low rich veloc vibrating with measureless yearning, horse out of steree on großen winns of home.

We were by no means to correletes all the time, With Lafolistic and has green of brillant young discers frem earth abared, things could hardly be dull though some of them were not soth experienced voyagers of space as Lereds and myself, and suffreed considerably frem space-bidness. There were hangests and balls and manteer theatricals.

Of estima the sorieus plans for the conduct of the war were poing forward sheadly. Every day I mat with Lafolicits and belaw and a few of the other officient was build or suprecision, and by the tima we reached the meson, a bentative plan of action was quild worked out.

We planned to divide Lafolletto's men for the time being, sanding about half of them to Colon and half to Theophilus, one contingent being placed under command of his susceitate. Langier,

We reached the moon without accident, after a pasange of only fifteen days.

It was about near of the binar day when we landed. The sum fail in a white fixed upon the jarged hanne wilderness. We came down at Firstrate. I had been a little afraid the city would be attacked in our absence; but the silver disk of It kay by the dark eraborring, hright as a new non.

Done brenght in fast down on the level pitch (not before the main atrices). The more, who had been created in the transpect for two long works, or who had been at which an ifform, and marked out of the hadpe for a bit of exercise and to become homometic parameters. They was designed about the burning description. There had heat, or coreas, many encode of generalizations, provide a distribution of the description of the provided of the the set of the description of the provided of the the set of the description of the provided of the description of the set of the description of the descri

With Levels at my side, I neved it the Concel as econan possible, and hurried threingth the altick and up to father's office. Since she had lived on the more before, the highlight grift manifested an lower-since from Junar conditions. And attitud in neat while garments, with her dark look down up makers a rowy top, also looked the very picture of exultant health and astrifts.

We found father in the same specious, bright room where 1 had apost yourn at work, with the familiar bread rich deske, and fine familiar gray, the same carine on the wells-atrasps things from the far pieces of the moom-and the same about heater, oortrived to innince an old-fachconed frequence of arith, irredining the great roose with a reddy glow.

Pattern stood by a local window, booking out apon the wask boul of the coster, with its scattered distribution-new as next and givening so early for large its rince of the boundermant was let raisent the while city. A title atospeci, any futher was, with a weath of silver had, this face was a title some same-frame when this items ages provided may transformed it with a luminosity or low.

He came to meet on-with the same quick swp he had always had-and graubed my hand in has. I introduced Lereds, and the warm, grain almority of his welcome made the methodese girl fiel at home at ones. Then we went to find mother, in the living-rooms in the glass-armoned tower above, overlooking the mines in the owner and all the country about...the same old rooms I knews so well,

My mother was sitting in the mellow fixed of sumlight that istreamed through the grant windows, newing, I think. A white-haired indy in lawender, slight and frail as always, but bright of eye and atrang of spirit. She sprang up and embraced me with a glad little err.

Then I presented Leroda. Mother looked at her keenly for the merest instant, than amiled and took her in her serms. As Leroda afterward told me, she found my parents "most delightful people."

Presently Valence came running in, a pretty young mairon, with little Younny with her. She gave me a warm and sincere embrace, and received Lorda with site-rry conductive.

We had dimmer in the same long, bright dising recon-it was pinfull to me to see the weaks had been newly decovated. Denser from the same familiar been utiful dishes, with hius-first on the rims-they had been used on festive occasion ever since I first remember.

"Then I. Bet Loreds with Valuess and erg mathers and wrate down is no schear hey glicher. Schwas had and wrate down is no schear hey glicher. Schwas had response of the schear her schear her schear her explored of the schear her schear her schear her person of the schear her schear her schear her had her schear her sc

APTER the troops had rected two days at Firecreat, they embarded again, upon intertoes of the vessals, which were divided into two flext. Nine ships carried Langby and his mon to Colon, the great city by the Appendixes, where they could drill with Halfa ferese. The ten other ships agarried the remainder of the men and supplies to Warrinetce. at Theorelius

Our flagship, the Coset, remained at Firecrist, in case of a corprise stuck from epsor. The conference was still in sension, and Lafoliette, Dorme, Greewville, and my failher were deep in the new plane. Gardiner, who was still with Warrington at the cruter city, was to return with Bris, who commanded the ships can to Theophills, to lead his support to the conference.

Place were notice way for "forging an irea ring about New Beeton"—as one electron young speaker put ft. Ladollette's and Warringteet's forces were to close in upon Humbol, while Deans met Van Theere's fiet in a declava engagement.

Levels had a genus for getting into the thick of things. She attanded the assembly meetings, and coon knew must of the delegates. She as to out to device a "weal" or flag for the moon. She made a model-able design was a white creecent, with "the old moon in its arms"-- and had me present the idea to all the delegate.

Naturally, with so many young officers from earth about, the social life of the liftle town was rather foverbally gay. Lereds and I were together at a good many affairs, and had more pleasure in staying away from others.

It was about that time that the "Elderado Massacre" took place. It was not an important incident in jimif. perhaps. But it had vost consequences in increasing the ardier of Lafolicity men, and in teteling the determination of all of us upon the moon. The neucatastrephe to so many important mon, that came as a result of it, cally impressed it more strongly upon the minute (the people.

The resonance of the set of the s

Since the moon has no "Hearleide layer" to keep the waves reflected back to the surface, the extreme range of a radio set on the moon is little over twobundred miles, under the best conditions.

"Kallarbah are . " B ran. "Kallarbah ... million moon-salves ... marching. West. D-rays ... men with them ... space mits ... war-filers above. Aid. For the sake of ..."

It seemed horsefulls to Lafoltette and his officers that Michail would descend to adheres with the wild accouselves; Not there had been stories enco the boginning of the over of a splituding, suscerizing hand of the by a few ships frees. You Thorne's few, . But suffithis time so inspectant places had been attached, and many even on the record buscht the force larged and the strength of the second buscht the force larged and a drawful any hold fallen upper blackstore.

Though there was but one ship available, and that had been left to defend the support. Lafeliette desneaded that we go to the success at once. Danse was not unwilling to set out. After Lafeliette's fary appeal, the Assembly voting permission for the Cowset to go. In an hour after the call had seens, we were aboard and risksz.

Dense was in eermand, of course, and Lafolistic and two or three of his officers, furthers that they were on the most to lears the set of war as soon as possible, were abcard as passengurs. I came as secretary to Lafolistic.

Arother helf heur forand se in sight of the ill-fotau Biblic (city. 11 key beyond the summaine, on a durk desart juhn, like a bright ogane of aiver foll. Ard all the juhn bott it was excitomout with the glittering real forms of gipantic Scientiss. Colocal red-scalar monters leagt able like gines danse, christopy beyring the ellevier-armored men municid upon a few of their preser times.

As we came in view a little group of men was making a desperate attempt to reach the city walls. Whitehing through a pair of bincehains, i eave the pliftli attempto of the near failures. There were only a dosen or so of them, in ranged working clothing; they must have been miners from orese cotifying prospect.

By way of arms they carried only a few hand D-ray drilling machinas. They put up a brave defense spalnet the milling hords of samit monitors that doeed about them; a hords built out

I threw down the glasses in horror when I saw the colussal, crimmon, preserved things mandehing them up, rending them into quivoring, bloody moreels, aviding routhed in torrible jaws. The average beings fought aven month thereadves for the poliful fragments of red fields and bloody reg.

Lafolistic and his fellow officers were smaped and horrified at the sight-after this "Remember Eldersde" was a war-ary among the man from sarth.

AMAZING STORIES QUARTERLY

THE Schnitten had surrounded the bright-walled day, were taking the performance area as we can in adult. And Main have the oscillulation room through these threads there are taking the bound that the bring many-scheed interaction of the source blass. This performs a raw for an and greent and sensing stability from them at the bringhest mail has and the word fittings properse of the dail pick and these reliand to the stability of the stability of the pick and these reliand down upon solutioned roof and leveres.

Biomado had ben petifully unprepared. There had been one generator of the yoldow fan-rev, and a single projector of the atomic vortexas. And the desperade tababitant had hadda d accor Deray milling meshanes from their places, to serve as weapons. That was all the arramment they had against the multiplical thousards of hallink, gigantic heangs, and the three wardiers.

Doe of the first darted toward us at eace, while the other two keys up the homomorphic the little town. Our improved ray-projectors, with the precise dell with which car ever handled them, assured us a premy victory. In five minutes the other halo fail indexs, a way, intriby gharing motics. It drack near monitors to a hot death homosth it, but the framido ataket west on promethese of the indext.

Both of the remaining object can be take the piece of the failen case. Danse faced the situation with his usual contexts and skill. The Telluritan wardlers were our equals in sus and armanest, though perfuga our creases were a little better minical. And cortailuly the intreased power of the gold stamic blast was an advantare.

For come minutes we exchanged gluncing rays and families vertexes, without vashle result. The change there managed their fancays to elseverly that each screened the other, and no opening was bolt for ux. Dones fought a furtices built, to whi in time to new the effect of the schipe wave almost hidden in a terrific storm of flokening pathetistication fame.

Abreguly there was a shrittering explosion below our flier, and it was plunging down in relevanting flight. It recents that an exploding vortex had injured the atomic biant prejuctors which supplied our power. A few momuts liter is seemed that the tretile was repaired, for our full was checked, and we wave quickly back af our forms level.

Meanwhile the immunerable leaping red hordes were closing in upon the city, in defaute of the desparate defause. Ray tubes grauped in the singularly testacles of the Selenites recept in ginas wells and towers, despite a forces for from window and turret.

The momenaires must have found entenance through the belos torm by the explainty vortexes. Great large carried them like titanic lenging insects ferward to the reaf. For a time the dering, make-like rays from the converted mining apparents every low upon them. One by one, those rays went out.

Elderado was at the mercy of the Ka'Larbsh, most terrible of the wild mon-calves.

At the same time we were desperatoly engaged with the two var-dhere. With a daring measurer, Dease fashed in between them, caught can fer a moment unguarded, as the fan-ray was shifted. He fired with a dessing abset of vari-celered rays that sent the Telbarian reduct more ward.

Below us, the Schultze were pouring standily into the conquered city. Nois of which huppened we difnot see; it is good for our peace of mind that we did not. Few eights that I have seen are more tarrible than that. Glatzning, seely, erimson things, green eyes corpression/see and unbinkting, assayled through the rulns for the bodies of dead and dying. Long, writhing, red tentasies dragged pase, shrisking wretches from their biding. With avid gread the monsters devoured living and dead, bodies crunching hits red wax in their powerful teth.

Subject the meansage below us rocked with the force of a turnic detension, and the bright glass city roce in a great mushroom of shattered deteris of dost and fame. It spouted up, hung for a long moment in the sir, and fell in a rain of ruin. Only a vast, burned erster was left.

Of the tens of thousands of attacking Ka/Larbah, only a few score cocaped the desparate rewspay of the curquered city. All the rest want up with the force of that mine. Perhaps it was not off by the hart survivorthe world will never incose.

The engineers were still having trouble with one injured persentors, nose the Gross started failing castly again. The less remaining energy fairs hang over us, her fluiding 2008 likes having as of an cogle of likes, are likely as the like started and the started started area as a started by the started started started having failed with vield facadioacone, she fold ideals at fairs, her with any started more than the programment with with an attempts can be shown as the started started started started started started at fairs, her with any started started started started for the started started started started started started biller data started start

We set out for Firecrest at cose, with the generaters working most uncertainly. Despite the frequise effects of the engineers, the binst projectors failed to operate encoding; and screetimes we fell alarmingly. At last, when not mace than half the distance had been covered, we never forced to land.

The sum wait not over twelve hours high, and we had made the alterning discovery that not a single space unit was absord—we had embarind in the greatest hasts. It was found, too, that the hull of the first had seen in prod by the explosion, so that it would not hold as to hast through the long humar might.

After several bears of toll--Dame and I labored with the struggling engineers--we had the projectors funtioning again. We rese analy, and covered evenuity mins of the distance to Fireerest in as many minutes. Then the deliate tubes failed again, and we cruched down on the desort. This time the complicated methanism was exturbed lawood hene of remain.

N OTHING remained except for someone to attempt to reach Firecreat on foot, to send back a relief party with space suits and with special welding equipment for repairing the lexiting built.

After some healtatten. I responded to Deene's call for ventures. I knowait that, et all the care, i land had mere apportence in Invest on fast over the inner manufacture apportence in Invest on fast over the inner manufacture approximation of the second second second as a contrast failers, but of continents are of three present is an esubjier milistic settlement; the other was an a phoreware when he was forefore.

The two of them sceptical my shole calmby, thragh it amounted absets to a samines of death. A way few minutes may as ready-every monute way provides. In should hand with Lafeldette, and with Deene, whe whispered a brief word of couragement. Then I was cuttate the air-look with tansed young Paysa, and the red-faced, my-hend Australia. Licetureant Gervid.

The sun seemed hardly more than the breadth of its own disk above the block western crags. Like a sphere of white flame, it above with a steady, darsting brillisance, but all warmth nermed orse from its rays. I drew my light tunic close about my shoulders, and looked at my companions.

"Thirty nakes." My Eps moved to form the words, but little more than a rusty grating came.

"No hatking out now." Garald whispered grimly,

"Perhaps," Payne began. But we had leapt, and hig other words were last.

Leep . . . leep . . . leep. Each leep was a terrible age. Blocks of leve ratified beneath our feet. I heard the swift breath of my companions.

Heurs possed, frankt, desperse heurs. The immunasilver half of the files soon dropped maker the near berison. The son crept dawn, with reidenfiles deliberation. We had covered the better part of the journey. I recequined the century southment of Firecrets. Then, his the fingure of doem, the similar spine of a western peak was drawn persons the briefs fiber of the son.

Night fall swiftly. The can darkened from a cold white sphere to a half of writhing red, shreaded in a freeding raist of snow. White flakes danced about as in the frigst air, overed recks and craters with a crystal layer that hid obstructions so that we often aligned and full.

A high, hitter wind sprang up, plarcing our scenty garments with a painful sword of cold. A thin, steelblac mits of ice flow upon it, bitting our blas and trembling limbs. When we breathed, it seared our lungs with cold.

It was the utter cold of space, descending upon the mean. Cold that grasped and phenod and companied. Cold that stopped all life. Cold that frace even the sir to silver powder. Cold that was merciless, unthinkably intense.

Cold grasped at our limbe, hung about our weists, weighed on our abouiders, dragged us dewn. It cat into our hodies, grawed at our hands, bit our force like sharp edges of ice.

A fright, hoden mitt, of fine mow and from air, thickned gelidly all about. It hid the deep and block gave of the brains, dying son. It wrapped an close, leaving a elber erust of frest upon our bolles, hardening our partments to stiff, cruckling, fromen armor.

Our breath from before us, in clouds of tiny, glitter-

Above, threads the rate, the earth was wandy vistion, a bage invisors hall, wars and green-but for, for sway? I thought confusely of my days upon it, or warm winds, warm blue case stilling benach soft manre skies in a flood of sam, of warm green parkets, where trilling brid-source scatcaled through sweetshown trilling brid-source scatcaled through sweetblur with the raddy glow of besters, of tables lasded with becoming media.

A thickner wipp of freezing mit hid the north, and we leave to its growing derivers, and its utter effensein the darkners and the alense of death. Write rocks, heary plans, fandantis fronted etags. A strange week of death—allent, ghostly white, unthinkably cold. On we beach, and near field. The Barries of failure

On we leapl, and ages field. The flarries of fulling goons grow thicker. Payze and Gerald became white ghosts, red-faced, puffing white steam. The air grew this about m, exhausted by the freezing. I fought to breather while a cold flame nearest

The freexing mist grew thinner, as the nothingness of space cropt down. Cold stars bit through it, danced mochingly before us. On we straiggled, Every more was acous, every second in size of hell.

Through the darkness I saw the familiar recks about the tavers entrance. They were near-yet I felt that I could not go en. To skep, to relar, to die, seemed paradise. Every leap was a heart-breaking effort against that fortal lure.

As I leapt a little refrain beat through my numbed

htmln. "Not for me. . . . For Levoda. For father and mother. For the men on the Gomet. For the mean."

I saw the metal rim of the great valve, gleaning in a frozen great. And the pale lights of the city beyond danced upon the snow.

Gerald fall to the ground, sprawled in a little huddle in the snow.

"Come or," I tried to say. But a andden firree pain throbbed in my threat. Bleed gained out of my month, from on my firse. Fryne bant futility ever the fallen man, frebly tried to lift him. Then he, teo, feil in an attitude of weary abandon.

I left them, struggled on, On-through dinging curtains of cold. On-fighting intangible rivers of cold. On-while my body screamed with pain. Onfor levels-fre.

I reached the modul door, a thick cylinder of fronted marble in its cruit of mow. I full against it, hammering it with hands that had no feeling. A great dark cloud obscured my valor, and I collegeed in infinite landings.

The groat value alid open as I full. Strange furnes, grotespic and gleaming like men of metal in the alivered space-mits, were dambering out. Qickity, tenderly, they picked up my fullen commande and myself, carried up through the value and down into the warm connactments at the top of this sharft.

Payme and Gerald were uncensores, nearly deal. I fought for my woize. The grands who had reduced up new my struggle, pointd powerful similarits down my threat. I recovered cough strength to starmer out the story, to til of the wereden dile, with Deans and Lafolicits in it, and to give directions for finding it without delay.

"Bris is back with his flices," the guards told me,

A great gludness come over me, like a welcome food of warmth. We had won. Lafolictte and Doane and the Coust were taved. I patced into a deep and undleturbed sleep.

When I woke again, I was in a small while hell, with Lordon stituting beside may. She was almost riflectionary attentive, but it was good to have her mean. The orpourto had been rather hard on may I was in hed soveral days, with my beautiful facole, or my mother, or Valance with mm mot of the time.

Gardiner came twice, great, kindly man, with his cheerful jests and his news of Warrangton.

Bris, with the filers, had had no difficulty in locating the Corect from my description. The crew of the wrecked vessel had been transferred to another filer, and the Corect fitself had been raised and brought back to the cover, where it was now being transfer

Lafelitte and Deene came to my room to see may with thanks for the dreadful trp through the night. They said they had seen my companions, Payne and Lieutement Gersid, who were in the baspital, dting micely.

By own condition improved repidly; and when the first, a dip hefore nurnish, left Fincarett for Thosphilics, I was able to go shong. A worfs and uneventiful voyage on the crowedd shigh left to as the great spaceport of that dip, just as the white come of the telar corona rore in the case.

We were greated with a wild ovation. The whole pepaintion of the city, it secured, was waiting at the air-leck to meet us with a thunder of walcome. Warringstoris troops were passed in review through the streets, along with those man of Lafoliette's which had been sent to Throfoldus.

Lafeliette, with his soldiers and supplies, had brought new encouragement and enthusiatm to the meen.

CHAPTER XXIII

The New Plan

MARRINGTON mot us as we entered the air-lock, as absolutes will erect under the had of rasponsibility to hore, and his oyes will undimmed with enr. He greated us warnly, and we were taken a once to a hanyzet in honce of Latollett, Sellewing that was a conference, in which the plan that finally hrough vertexp had its airth.

Warrington spoke to us, in his quiet, dignified

"There is a plan that I have long bad in reind," he said, "to turn against our opponent the natural elements and to let the dreadful night of the moon strike a blow for likely. There are obtained, however, that I have never overcome, though I have attampted the thing in our last two conveniens.

""We'll Laws successed in reaching Humbelt on of New House, On solve occupies, two much to hold New House, On solve occupies, two much to hold and Pailsof Pailsof Pailson and the start of the solve and Pailsof Pailsof Pailson and the start of the solve the solve the solve of the solve of the solve the solve of the solve of the solve of the solve the solve of the solve of the solve of the solve the solve of the solve of the solve of the solve the solve of the solve of the solve of the solve the solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the solve of the solve of the solve of the Humber solve of the Humber solve of the Humber solve of the Humber solve of the Humber solve of the Humber solve of the solv

"The idea is obviously impractical, while the energy has a fleet. But the now they, under Doano's additional command, might enguge the facet of Van 'Thorne while the action on the surface is carried out, or, at least, werey them enough to keep them from interfering with the energiest."

The plan was thoroughly discussed, pro and con, but no definite action was taken upon it. In fact, it seemed that no one was able to suggest any practical means wherehr it might be carried out.

Toward the end of the mocking Gardiner brought up modifier subject-that of a protective armor against the Deray. It appared that the old source that do heat working on the problem for some time. He had the multimatiss of it well worked out. On a blackboard or to on the restrum, he finantrated his talk with drawings in celered table.

"You all know," he mid, "that the dustructive action of the D-ray depends upon the fluctuation of the several frequencies that compase it, in cycles incredibly rapid, as that the electronic vibration is commonly amplified in the emission vibration is commonly incredibly tables to the simplify actions of the locart panes, when the frequency of the ray is adjusted in hormatry with the requency node of the ray is adjusted in hormatry.

He proceeded with the betters, saying the same thing in more scientific hanging. He aktoated celored drawings of the abox according to the latest theory, with a detailed discussion of the process by which the highfrequency Decay breaks it down, with the oriention of the invert sense of the helium group.

Finally be concluded, "As you hows, any etheris with brains on the concelled by another wave of the same frequency and of oppatin places. That is the yein-place geon which the form-ray is based. Now 14 any the bids for correcting new. If would be a path of zone hind, which would also only part of the energy of the D-ray, and re-roducts it with outh a wave-length as will concel a yield net of the D-ray. Assisting such as a rayse the D-ray would be no more effective than would be a beam of ultra-violat light. As I have domenstrated, the mathematical part is already would out. Takes remeans a good deal of research to be does, to find the smart chemical compound which will serve car need. "If evidenment and bechnical will on the head I am

"If equipment and technical still can be hed, I am sure that it can be done."

The Assembly was enthusiantic in voting approval of Gardiner's plan. Funds for the work were put at his command, and he was urged to push the task with all possible areed.

When the meeting was over, I went to him and offered to Undertake the hatoratory work-the great Lunaran was so valuable as stateman and diplomat, that he could ill be answed for works of lundard work.

With a grin, he interession and that he already had are in musil for the back. During the key haves day at Theophilas I worked with him over the methematical points inverted, until I was met the the syn advartacihologie in in subscring the method equipment, doubled the method of resourch to the followed. The Piwrenet covers sound the fortal phone of which experiment work, and it was agreed that. Dones would corry ma force, and the sus agreed that points with corry in the force, with the start of the start of the start of the start right.

Maximhile, Warrington want afeld with Lafelletin. The campaigns of the day were net important, arounting to more shrimibing and growthe worknew with Humbalt's forces in the neighborhood of New Boston. Our mon were nafely lock at Theophila horg hidroe sunset. The mos from earth vers getting valuable training, of corres, in lucar military neities.

The arm set, and Dooise duly conveyed me and my new equipment back to Firecrest. I had a glorionaly happy reamin with Lereda and father and mother, and fell to my work at one.

Levels ind finished her new such the creatent "with the old meen in its array," surrounded with a ring of thirteen stars, to represent the thirteen inserportate effect. The sould had feen unreatimentally adjusted by the Assembly, as the ambient of the new free Moon Corporation. It adversed public buildings and doesements of datas, and as a flag with blue ground, it was curried at the bad of the arrates of the moon.

N RARLY a proor work by. I worked as hard as I. bore ever down. I had a require codeful; its hours ellere, two hours conceine-usuadly upent in a gasse of main for a black, with Loders - black produced for reals, abundant equipment, and smally threes or four addiance worked with me. Franklin was froquality at Firecreat; he keept up with the work, and rande many firms The weylt was by no means without the discussed

The work was by no mann without its identush of excitoment. Allow the mathematical details were complate, the arguerinostation consisted modely in making a compound that satisfied be known requirements, pentiting a sab of reck or metal with it, and setting it fixed, or window in a gail of types. But some of the arbitrarces we veried out seemed to at a satisfication.

On one occation a boulder which had been approved with a mixture of mercurosa florids and caldium bemide exploids with such deafering vidence, that our laboratory was wereded ithrout ecosylative, fore of my anitratin, a poor shap samed Stanley, was killed. The beavy D-ray tubes was ranakaid and the weekings bloom over on me. I asifiered softing werea, beaver, thus a brien sam and a few mixture cardination. By the time I was able to be back at work, my fellow experimenters had most of the equipment repured or replaced, and we went on as before. That was only the most speciacular of a scree of accrisints and mafortures, in orth of them, we mayoud aisaidly toward our obtest.

Meanwhile, Warrington and Lafolistic and Gardinar ware frequently at Furomest, to most with the Assembly. Military operations had not been important. But Lafditistic's vetorans ware now used to lumar ecoditions. They had mastered by "moon-add" isoditions of garcinhe warfare; and the raw lunar recruits, training with them had around work on detections and military acids.

At that time the strength of the Tolivier and mining spirit-At that time the strength of the Toliviers was still convertinated in New Boston. Humbelt had nearly a hundred and fifty throughd must there. Opyosed to him were Warrington's force of about sixty through the Lafoldito's forty throughd, and the army of simpet twenty throught under Had at Colon.

Steadily, out of long hours of patient conference, grew the plan for the final campaign that ended the war.

It was about this time, i.e., has it is a Doutling, samething of a part empood the version and music is the linear entition, "To 'b' Laure Hills Addams," He had provide of Valence in the linear entities of the theory provide of Valence is had been on a first risk reasons a future settiment attacked by a force from New Rotan. Laurent by apple of the erasts Hills furthering the classifier of the large of the settime Hills furthering the theory is a settiment of the settime Hills furthering the the lemma had werting the force most hills a large wave of an of minor, which are forcers, furthering the of particution dimenses which and the mass like a large wave of and minor, which are for the settime tasks.

And from proved as able as officer as a poet. By the end of the year he had win the capitainey of a war-fler and proved his spins in victorious combat with a scouting cruiner fram New Restor.

and obtained block associated in my research. I found that the halida computation of one of the metapose of bartum is manufaction in a block of the metapose in machine in manufaction is a block of the metapose of the second the ray was formed. Objects covered with as infiniteinally thin may or do this harmon composed and exposed to the D-ray, were not afforded, may for a moderate bastime effect.

The principal difficulty in the process hole best to sopirate the indepth of harmon. Since the storing weights of barrians as 1374, and since all storing weights of mapple substances with the accountion of lysicroper and a few others, are whole aumbers, it is apparent result is sought harmins in comparison of overral isotopes, of different whole atomic weights, whose average in 1374. But store the storing substance of each of these large the store of the store of the store of the store is cylical importance on the store of the store of the store is cylical importance on the store of the store of the store is cylical importance on the store of th

A perallel case is that of chlorins. Its atomic weight is 35.46. But poettive ray analysis shows that it is composed of two isotopes, of atomic weights exactly S5 and exactly S7.

My first experiments with harium had failed because of the presence of the other isotopas, which disiningrated uniter the ray, destroying the armor. But at last I divised a method of using the D-ray itself in removing these, lasting the pare isotope I required, of atomic weight 138.

Warrington, Gardiner, Doane and Lafellotte ware at the time in Firecreet, still working on their plan of compaign. I called them down to the inhoratory when the great discovery was completed, for a damonstration.

I took the two metal bowls in which my simple braskfeet of fruit and the limit evolution food combination had been brought me that morning. One of them I sprayed with a thin layer of barium bremide. I set them aids by side on the ground in front of my D-ray projector and bagas focusing it.

Focusing the D-ray, which fovelves the synchronization of the several frequencies and thur adjustment to the natural period of electrone withratom of the particular substance, to be disinferrated, is a rather dow and complicated process.

As 1 how worked over the tube, I apple to Dense about the saced of quick foresting in military operations; I had been much impressed by the fast that a forw seconds of difference, in the time required to focus the rays, might turn the same to viotery or defeat in a context of apace filtra.

"Leave that to me!" Doans said, grinning. "But go ahead with your demonstration."

At last I get the way focused. I closed the switch. The thin farger of infrases red Hight theshed out and fourbod the two metal discs. The universal cen blaw up, with a while flash of farms. The other was burled a domain fact by the explosion. But it had not been affected by the D-way, area to be alightly warmed.

Deans gray yest to a widd yell of enhanism. Lafolietie comparintized on, grassing my hand, while taura of yey atsed in his eyes. Gardiner merely stood smiling at an, while Warrington began a yelley of questions about the matufacture and use of the new compound.

"I knew you'd do it," he told me. "And we're ready to use rt in the next campaign."

SHAPTER XXIV

Victory

BEFORE the conference was ended, plans had been completed for the final company. Before the larger days, the vagatoric Covet carried Warringten and Lafolietts and Gordinar lackit to Theophilus, to effil and equip their combined forces of nearly a hundred thousand man for the gresst attack on Humbolit at New Roston.

I stoyed with Desses at Firecrest, where the size was builty made ready for a decive action. Acting molec Warlington's colorer, we were perparing immense with the size of the second second second second depairs of hardwar explorer and the second second second second second second second hardward terms deal actes number of sprayers, with warling transfer second sec

As peri of the preparation for the coming battle, the wardlers were thoroughly sperred with the heritim hables. That made than although invitationals by Denya no long no the costing adhred, though the explorate atomic vectors would be as destructive as even, and it was fouried that the violence of exploring would here it was fouried that the violence of exploring would here the protective thin, expeding the fluers to be repre-

Nearly a thousand steel drunes of the barium halides were loaded on the fliers with three hundred of the compressed air sprays.

The luminous white cone of the solar serces, we apple in the east. Silver the while binding we of the sun came up in a day that was a pail of Cammerian discloses, sparsifies with a moliton erystal stars. The front and solid air upon the desert none more rose in thick bios mits, rolling up in turkid decade about the pasks, presently doubleting as the sun climbed into a disk bins silver.

Our preparation occupied us until well toward the lunar noon. Then old Jenkins, as queer and red and good-natured as ever, appeared, conting in fiying lasts upon the scarlet elophantize M'Ob, with orders from incolongators.

Warrington had left Theophilus, was marching on New Boston with his and Lafolletto's forces combined. Doese was to leave Pirceret as seen as possible, fly to Warrington's comp, and accompany him during the rest of the march. We were to find him for he wichily of Smithly crather, where one of the earlier engagements at the was hed here fronth.

The proof wordlines was beinght up out of the sectors having low that, for white and requires the sector of the sector of the sector of the fram takes and moder.—Menor, my sinter, had perocented the sector of the sector energy and had been, it had had more harp more energy and had been, it had had more harp more and had the files wards for the sector of the sector and had the files wards form of the data of the proof of a pinner formation of the sector of the sector of a pinner formation of the sector of the s

Then the knows going seamled, and I had to bave them with a last inspinion word of milet cheer, and to run through the lines to the great silver sing. A few minutes more and we were diffing evolution and sear file towering meantains of the mone. Six hences there we way in sight of Warrington's

Six hours here we were in sight of Warrington's army, marching in large white externa down that reads between Theophilus and New Beston that he had traversed so often in the program of the war. Our filters hang low upon the surface, and keyt to the rear, in order that the earny might knew of them are scenary.

Forty-sight hours later we wate in sight of New Bosten, beyond the cragged summit of Meteor Hill, Walled and routed with giong It was like a thirk also of some white, althing crystal, prime in the dreavy menoniations witherment. It was gay with the forest of glittening towers and domas, with the bright permons of Metala full-train from them.

The buildings at the gaugeput seemed largely denaried. The free of Yan Thorn was not in evidence at the bread landing place below the city. Our own twenty vessals hung ready, low hollful Meteor Hill, while Warrington deployed hit recogn shout the walls, and get his field D-ray units into position, as if he intended is sterm the city.

The moremult had not gone far, however, when our telescopes showed a little events of white dets in the indigo all yabove, ratefild eveloption. Yan Thoren had evidently here waiting out is apass; now he was drepping to attack. Pressnilly the ness at the interaments announced that there were fifty-six of the silver spheres -there commender as alternet three to use.

Both the reaged hask momentain Dasks with you his hips to be pairs. He close as odd formation – fourtees at the twenty wassh took place at the context of a grant imaginar cole, and at the scribe of each from. The remaining rise wassh, including the Coviet, from the remaining rise wassh, including the Coviet, from the remaining rise wassh, including the Coviet, from the remaining rise wassh. In this the maximum deforce; and the fitne wave for situation and to interfere juste with one another's first,

THE enemy fact dropped for Warrington's ranks, without regard for us. I suppose that Van Thoren counted on little opposition from our few floor, built on the moon and manoed by simple minors, when pitted

against Ma great receipt from the Pittakurah shrees, with their difficient without orders or cover. As the domained, this searching rays and steaming a short her difficult of the frame space filters is, however, about the diff. Such thes frame space filters is, however, fam-rays and are able to sock cover in the wild humar fairs.

Dame gave the order and our fact ross from behind the mountain and came rapidly toward the Tellarisms from halow. No attention was paid to our advance until use were writhin some five miles of the energybolym and a little to the side.

Then the first in the top of our mile-spane cobe, st Denne's core, fixed a hirdeling salve of rays and vertexes. Three of the Tellurians allpoed measured in incandeogener ruin. The others passed in their descent upon Warrington, and began to assume battle formation.

We continued to rise writhly, with eleven of our ships firing solutiliant rays and disming vortexas. The bright yellow cartalast of the flav-ray wate attanded like broad number cartains all about to. Two more of the fullriant want down, having been cought in unfavorable positions, where they fell quick viciling before Desne's well traund crows.

And there were dark, invisible metal projectiles, loaded with fearful stomic explosive-more dangerous to our avenued shim than the family rays.

For definese we had the fan-tays, played from each reased no as not only to shiftid it but several others. Smaley yolow would of virtuation, they out off the D-rary, generally destroyed the atomic vortexre, and unally hard the explosive projections. But sometimes there were holes in the corrects, and of course the other filters had arrow-raw of that you.

Steadily the great howi, formed of aibrer shipe, dropped loave shout on, ghiptening in the samlight and ghoming with the woven representing the samlike a jeweek mantle of doom. And the ships that formed the rim alonly draw together halow us, so that we were need completely included in walks of wavering them.

From all sides we received the first of the enoury, Only our formation raved us. Had it back broken, our inhividual fitness would have gone down. Bite failure lawss. As it was, we were simult invaluerable, Danne's study of three-dimensional tartics was paying a good roture.

Lettis groups of Tollarian flers noblectly beens espanzing thranshoved from the nulls returnion, nakaling during statuke, in an offset to break us nor array. One of these, hilling methorshills from far show, and of the nulls, in the state of the nulls and the state of the nulls. How a meriling statisfic for the Greent. An steam variet for the nulls gain of the null state from - the a sphericity statisfic for the Greent An former-like at sphericity in the state of the nulls from - the a sphericity in the state of the nulls of the first sphere in the state of the null state of the first phone likes of them for a nurlicy intended with red. toright in the state of the null state of the null state state of the first state of the null state of the null state intended the null.

At the same time a sudden fiare of yellow light burnt out against the side of the fier at the upper corner of cur cube---- solid projectile must have passed its rayscreen. With half its side caved in, it fell crassly, narrow rays still blazing from it.

The loss of the ship from the strategic position at the corner of the sube broke our armor of far-rays. I anticipated quick disaster. I was quite unprepared for Doans's next move.

ARUPTLY the space all shout us was filled with iny birrature charges, swiftly graving into vast clouds of which mist. Is a moment Dones had surrounded our whole force in the thick white charles of the Zist space (toul-composed of radiantive, sketriculty charged particles, similar to a comet's tail but of much dense material.

The dense switcing masses of smoky wapor bid the Tellarian filter completely, though dataling rays of ruby and ensural and lopas still boursed through the rapped clouds. On the initiation our ships were in swift motion. There was no delay: Donse must have planned the manuture far aband.

As the Const emerged from the minit, an energy ship was directly before us. There was a guide interchange of raws. The new D-ray armse-sibe halides of harmon ignreed upon our hibje-sind the better braining of our covers decided the ensource in our favore. The Tellurian ophero planged downwark, her hull cet half assay, the held plates and twisted girlders of the wreek glowing with as informal red.

Out beyond, we parsed to half another wat clear of done, accenting minor. In a few months the olicy was dotted with these great masses of mit. Our abips datud back and forth batwase them, fring rays and vertices at every opportunity. Decade captains agpeared to be well trained in the dangerous werk, and seemed to synchronize the movements of their ships remarkably.

The management of the Tailunians were characy: pitcling Van Thornes ware moused to this india-and-ander mathem of dishting assume the cloudy of arcsine. He was, within out doubt, a coursecons and hale man. But the did not have Dours's pestim, are Dourse's years of experience in hating against incorrillo dids. Instando of the groundline method of strikes and run, his school tangkit fabiling in the open, ship to schip, at close quartera.

He men must have become confured; must have blondared. He attempted to save the day by massing blo fielt and phowing through the dense double of vapor, sweeping all before him. But Drane, with his numb brilliant forcelght, could bis sharps, and fell upen him in the rear, as be emerged from the double.

Only some workrowit of Van Thurary photos some oits is fore the towns of Davids Nethela anaryzed is to fore the towns of Davids Nethela anaryzed phates pipely and chood as, scenaring are or David Pathan pipely and chood as, scenaring are or David towns of scenario, we phaned through a weird aircred barred towns, we phaned through a weird aircred and errows and spike scenario and the scenario fuel Davids and the scenario and the scenario and errows and spike the address what of ear that and through any strained and schedules and stilling the maker, while the address what of ear that again and spike the scenario and the scenario and again and spike the scenario and the scenario and again and spike the scenario and the scenario and scenario and scenario and the scenario and scenario and the scenario and the scenario and scenario and the scenario and scenario and the scenation and the scenario and the scenario and the scenario scenario and scenario and the scenario and the scenario scenario and the scenario and the scenario and scenario and the scenario and the scenario and scenario and the scenario and the scenario and scenario and the scenario and scenario and the scenario scenario and the scenario and the scenario and the scenario scenario and the scenario and the scenario and the scenario scenario and the scenario and the scenario and the scenario and scenario and the scenario and the scenario and the scenario and scenario and the scenario and the scenario and the scenario and scenario and scenario and scenario and scenario and the scenario and sce

Van Thoren keyt his degred ceurage to the end. His ligaship was the last of the Ardbartan either-averant titnes it had been saved enly by the preprint ascrifter of arother which had rashed in to shiled it. He mode no move to ettikk his obten. Instead, hat immense filter came suidensy shout, shunged makh at the Corect. He was attempting to ram an, to bring his conquerer down with bin. A bundled rays, were footpade upon bin ship but be entro on in sight of the for. Even when all on beard and a gibwing mass of wreckage, when all on beard and already bays must a quick financing don't, it for impact on toward us. Its mannestment was to great and its fail to devery plannesd that only Donne's emanging contract and hin quark brain saved us from fatal collision with the annehing wreck.

To a hards: that bod hards seven harm, Danne had detreved fife-yies of the greatest wavelines over hult, with treatly thousand men and more upon likely also likely also have a trajectively likely—outh for also likely and the seven hard the seven have a seven structure and and projection at 1 had seen, nor rammed, at truck by a solid projection of the strict, her throws, have breaked from by the combined affect of vertoms and D-rays. The fator of the strict, her Dreakes, have breaked prove cleady. The strict of the strict field the seven determines and being the strict of the seven field the seven determines and being the strict of the seven seven and the seven determines and the seven seven

Never, parhaps, in all space history, had a fact beam so darialvely defeated, by a force numerically so much smaller, and at so light a cost.

Deans had broken the space power of Metals on the moon. Humboli still had his immense force upon the ground; hav Van Theorem's field word no lenger suppart him or keep him supplied. And Warrington could new carry out his grant plan, unharmered from arrow.

Tom Develing, I might add, came through the battle with fying colors as captain of the Siries. The Accembly subsequently awarded bins a model for a brave and recorrected manusters which had saved one of our cripples align from complete destruction.

Intensitiedly after the ketth, our dittener remaining ventals put about in the direction of Forerert, and set off all a high rate of mend. After we had prote a black of the state of the state of the state and drapped out of algabs hadron we walk of the state that surrises and strekely to the wesh picking we Lardbetter for a strength of the state of the state of the state Smith's trater. We apprecised New Botton again, we completing out of the state.

Evidently the whole maneurer bad here planned befrechend. Warrington and Deane must have worked out even the smallet details lang in solvance. The annisitation of the Tellurian fleet had been but one item of the plan.

DID not see the next manager of Warrington. I can only give the reports that twept over the mean a few hours have. The general concentrated his forces just could of the city, as if phaning for an assault. His Deray batteries fixed fitfully, without doing much harm to the walk.

Finally is provided Rundal to core out after him. Workington his del stript throman one, but humdred and difty thromand Thioriana. Greek pairs had been taken is bet Rundal's spike inform him hal. Lafishtist's frames were still for issued Thespillan. And the Matha community runk rule company. He had nown hus he math was a spike to the spike of the spike of the dependent to make the company. He had nown hus he small was a definitive vitary. He math how is posed that his varies paperior fatore could cruth Warrington completely.

At my rate, he marched out of the sirboch, with 144,00 mm, leaving less than 15,00 to defaul the city. It would have been folly for Warrington to engage mode a force. But it was no part of his plan to de so. After a short skirmish, our commander reiprod, with the apparatuse of much disorder—province and D-ray tukes were purposely left to lead the Telleving eq.

The sun, by that time, was only forty-eight hours high. Humbelt knew that it was too hele for Warringten to march hock to Thosphilus; he thought he had his old opponent trapped to dis mit the sight. So gravin was his confidence that, when Warrington made a show of oppolnch him on the plant treaty miles could of the city, he sent an effect to recover our surrander, couched in such insulting terms, fisht when the troops icoursed of H, Warrangton; was hard points of the prevent a real superstring. The Federica strength of the sent and the remember.

Warmurtes affected to consider the offer, While Humbol's obvious was thus deleyed, sense forty thusand of Warrington's mean retired beyond the meantains, and begun a resund-abacit march back toward Naw Boston. When Humbel because exacycrated at the ideay and advanced again, the remaining mean back a prempt retreat across the plain, and made a determined signal at the meantain rink.

Humbelt hast several thousand mon in vain and redekee observes up the herren slopes, with his flacks esposed to D-rays from the ridge. Twelve hours later, when he had aurounded the hill at the cost of much diret, he found that its defendes had aligned away, leaving the heavy ray-takes that had hrought down so many "fully-time.

Now his secuts saw men making a great show of fortifying a hill a few miles farther on-white dousls of smoke and dats were rising from trench-digging machines. The secuts were fired upon as they attempted to astro-ath.

But this lisst hill-though Humkelt did not know it -was detended by only about two hundred mon, who had here equipped with again excite a start of the refers were to raise na much show as possible, and to keep the Tellorizans in their parently in all casts. Warrington, with the rest of the troops, was already between Humbelt and New Boston.

Maarwith, spain, roddned Jenin arrived at the hidror place of our fact with the must important monnege of do war. He brought our selfers from Warringtion for the final part of the wordfirst in the great the two cryptical sectors and the sector of the walk, and discenterial factority and here new. They will be and discenterial factority of the sector of the sector

But these of no who had anticipated a thrilling action were disappointed. Warringter's and Lafelett's force, drawn up in an iree mag about the walls, had a most formidable aspect. And our war-fisses alone might scon have erased the city from the map. Drorpthing was plasmed to make a show of forces.

The effect ist'in commond of the tity refrond Wartignton's effect of hosenvalue surreneater. The reast of D-ray betteries about the retreppile about a five holes in the walks, and the first schepped is five sterow texters, which are almost more spectratar and terrifying their discoverson. Where the troops of LaSibility and Warrangton, drawn to is motion lines of while, natived from this result, the sciences of the detectors enlaged and the disgradown the glinthing toward siglation stars.

The efficer choice to yield his arms to Lafolicite, and acco cur friend from earth was in charge of the city. The an-lecks were opened at cose, and the troops admuted and set to work to help the citizens repair the charge cone to the wells and root.

The drums of hervan brankits and oblections were kinded from the fleet, and a crew of man was set to work with the compressed air appropriate occurs the walls with a protective film of the D-ray armor. It was nearly twentu-form flowing to sumeet when the city yielded. Ten hours later the breaks in the wells were repaired, and the cent of armur complete.

The work was hardly finished when. Humbelt appared. It seems that even then he did not suspect the truck. He had given up the campaign and returned to the city to take up might quarters, confident that the odd would finish Warrington and his men, when he imagined to be entremeted out south of the city.

His astenishment rust have been great when he saw the flag of the Lenar Corporation floating above the plannoice of the oily; greater still when Warringtan sent him a courteous note effering to accept his weaping.

He preceeded, in turn, to domand the surrender of New Boolsa. When his offer ont a grave refusal, he arrayed his tesming white-cird ranks in esdiess likes about the city, while his hombering tracterses and tanks pulled a bioastand field D-rays into position along heyronis the given while. What has a bioastand forward in a grand assault, while the ray-takes wronized a starm of polynkronantis callendor.

A thousand psweled rays fell upon the walls-and nothing harmened.

The gave service was a complete ransees, Humbolits spectarizing perturban came to mainly a dimensi britrerauly, when he discovered that network his hoge britteress by the hand weapons of his men held any effect upon the city's walls. And he, of source, was completely at the more of the weapons mounted along the weah.

Still he hold out, with a lot of bluster, until the sun was near the oragged black summits in the west, and already reddening in the mists of the lunar evening. The oxide chill of the arr seemed to chill have own arrive.

He sent a deputation of has officers through the alrled to arrange the details of the surrender. It was to be performed with all the traditional details of military correnary. Our flot hung how over the score, fifteen great globes of silver, so that I had a caplerable view. The Tellurians miscked their arms, and left them at the cans. for our overs to tick un.

The first part of the overcomp had a curricus access requester. From the diffeo hard-filter mandume ten promote the second second second second second of the samben, "To Ye tunne Hills Atlant," which had been written by Capitals Theorem Dowing, of the Sirnus —I am sure, the heart of Valence, my perity states, would fairly have bearst with profile. If the had been there, is been the particular one for head had been there, is been the particular one for head had been there, is been the particular one for head had been there, is been the particular one for head had been there, is been the particular of the newsy has had hadpen to heare by a default.

The school was opened, and the sun-braned, respectball-starved troops of Warrington and Latolicite marchesi out to form, two mile-locg lines from the gate theorem Hamabel's cargo. With solars Sylving, and matial anose paperage, the splendably uniformed Tellumons once marching in parfect step down the lines formed optimized and module and physical school and in the physical module and physical school and the line by the lead.

At the end of the lines Warrington and Lafoliette were waiting. When Humbelt arrived, Warrington reorived his hanghtly bendered hand ray and satunded it to Lafolietis, who courteously gave it back to the compared general.

Thre, because of the increasing chill of the sir, all perties made a batty entrance into the city. The people, who had been chafing for yease under the miltary subcrasy of Humbolt, welcomed Warrington and Lafeltets with wild, jubilition.

We handed the flost at the great space-port, which we found in excellent repair, with admirable facilities for caring for the fliers and making such adjustments as were needed after our recent action. I was seen within the glass walls of the city; as a young officer, in hotor of the victory. But my heart was colder with them. I thought only of the dark-eyed girl who was waiting for me in the little city far arroas the

With the surrender of Humbelt and the amibilatically to an end. For a few months reare there was scuttered fighting, as Warrington crushed, one by one, the smaller fortified posts that the Tellurians had paign that brought the rehelitons Ka'Larhah once more plote victory in the capture of a few convoyed supplyships from earth, sweeping the fliers of Metals from

After the news of their two great disasters had been paration could have had no serious idea of carrying the war on further. They expressed an immediate willinguess to consider terms of peace.

A few months later. Cardiner and Lafolistic met in Chicago with representatives of the Metals Corporation. to discuss terms of peace. After a sension of nearly three weeks, the Treaty of Chicago was signed. Its complete independence of the moon. It conferred unon the earth, and liberty to govern the satellite as it might choose. Lafollette secured trade rights for Tranco. thus branking the old munopoly of Metals in inter-

Late in the year (2305) Danne's flost covried Hursholt and his men back to earth, and returned with the cured a loan which would enable the crippled industrace of the estellite to re-establish themselves. In a year, too, Lafellette was back on the moon, as the am-

The organization of the new government proceeded regodly. Eased upon new idean which assured liberty

Warrington was almost unanimously chosen as the first president. On January 1, 2581, in a stately cereup in colendid array before the main airlock, with the and the swarthy monstany of the gragged luter desart stretching away under the rays of a slanting out to a

With a few quiet and simple words the old general pledged his dovotion to his new responsibilities. Tears ghotened in his eyes as he hade farewell to the officers and men who had served him so long and no nobly.

Then someone started to oing the inspiring anthem, "To Ye Lunar Hills Ablass," All those near joined in with heartfelt ferver; than the army took it up All our emotion found expression in a noble pean of fairly shaking the same lunar hills it celebrated.

Two years later the capitol was moved from Firecreat to the new city, named Warrington in house of rukwarruk, with its advantageous central location.

But during that time, all three things were not my of Humholt, I gave up my commission and hurried hash to Firecrest. I was sheard the Siving-by some warepulling, Captain Tom had arranged to have his abin

As the affver ring of the city's glearning walls rose over the grim rugged wildernees ahead of our speeding And though fifty years have passed since that time, I have in the main kept my yow pretty well,

Leroda, slender, and freckled a little from lang days of sunshine, was waiting to meet me at the airlock. Hand in hand, happy and jeyone as two children, we walked through the great metal valve and strolled together down warm bright streets gay with vivid. fragrant plants. It was a long time until we same to the central tower building, where Mother and Father

Valence, with her sun-burned, brown-haired Tom Junier, had been waiting to take passesson of the carer Captain Dowling.

On January 1, the same day that Wayrington was insugurated into the duties of president, Leroda and I were married. The ceremony was ould and almole. able to came up, to offer their wishes for our harminess

A few days later-we had spent our heneymoon simply at Firecrest, both feeling that we had anioved enough of travel-Cardiner preased me into corvice again as a laboratory assistant. He was still working on his old dream of ether communication with Earth self to the problem with remarkable energy. years later he had designed a short-wave transmitter that successfully panetrated the Heavinide layer. By he had brought cards and moon burdher with the bond of perfected radio-television communication.

DURING the past fifty years intercourse has progreaned marvelously in a score of ways. To Cardiner's milo-televialan was soon added Hamilin's new atomic attractor, which quickly antiqueted the old atomic blast. Now great liners make the trip from to the passengers that seems wonderful in comparison with the hardship and danger of flight on the slow and churry ships of my youth.

Better communication has done much to forter corfreely admitted to the brotherhood of cornerations and

Good feeling with earth has done much to build see the moon. The tide of immigration was soon flowing again. Our world has increased wastly in reculation. In industry, in commerce. The number of incorporated cities has increased from thirteen to forty-Firecreat was admitted to the Luzar Corporation as a approxim city in 2321. Now, in addition to the broad roads that bind those cities together, they are united by the new

The exploration and development of the moon have (Continued on succ \$2)

Elaine's Tomb

By G. Peyton Wertenbaker Author of "The Chamber of Life," "The Ship That Turned Atide," etc.

CHAPTER I

An Idea of Charles Weber's

HERE was often more life in the small colieges of my early life than poople generally residued. When I gravitabed from my state University and wast down to teach at Wilmer Colines. Unstitude mould in force or fice

inevitable years of biredon. This professore, I thought would be provincially the students would be mountry bary, rule and uniterested in any nort of intellectual axiitence. To some extent I was right. Yet the extenoretinger polynomian I must hall here would never have occurred if I had not gone, where it began, to Wilmar Collexe.

¹³Ay immediate supprise among the numbers of the productive as a proton in this a good? Allow Wester, the productive and the start of the satisfiest discussive of a start min loads, the start of the satisfiest discussive of a start is been recognized. In this case their implementation is a start of the start of the limit implementation is a start of the start of the limit implementation is a start of the start of the limit implementation is a start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the limit is a sphere is the start of the start of the start of the limit is the start of the start of the start of the start of the limit is the start of t

The future life was distinct, almost terminosity, by the output rans and they a size, listing Rolford, 1 the to carby impossible to compare and measure her futurescoeor my unlocagent actions against that searching by Whiter. Studie, intensitie thrans more a main in the unitary strain and the size of the search of the that shaped my alcounter. Perhaps, in some premined, ever, where it would and. They was no supplies mining the every thread it was and and. They was no supplies in the free as it her intensity to the pretaining the size of the size of the size of the size of the mining the size of the size of

I don't knyw when I scenar aware for the first time that I lowes Eliss. This traffy memorization accounts in our lives and usually fragettan-index which lead elimons about which interes are written. Elimits water a freedman tunkent in my chamitry daws. Cortainly I much have alongiad here that stirt inters. I found my the others. Which a few scalar knows, I found my after comberning here, as would be elimited by deep aft comberning here, as would be elimited by deep about here in which a store which we be elimited by deep and the others. Which are not work in the store of work.

Elaine Stafford was interesting and mysterists to pp in a way that I can hardly explain. There was no actual suggestion of intrigue or of sensual mystery, such as we commonly associate with three words-site had certainly mose of a courteast's allow. Her charm, as I was sware of it, seemed to be something unknown to hereoff: a surt of furrifusilitä life within, that spoke muchy to me with an insurance that we had mutual desires. mutual understanding.

I used to watch for her whim the hell on the end of the set of the set of stremmers in its integer and begun for sing. Here would always some promptly, walking on the alert robus of the tentris states. But always asseemed to ware holes or while--propri clobber states than govern-with a here: work for growth, algothy working beyown helt. I never ited of watching her, Sie was always allest and alterbeds, faith rabies an key light (halding, suchars, of besufful things, and periage of antiling) and it munucluspic draws. But he was extravedimity, munucluspic draws.

For two whole years, and for part of a third, Tumo between 50 MeV. Otherm 20 MeV mers were selected to be a strain of the selection of the se

All this work, I zewer gook a single week to be an any whole empty demotion, Was would I have add I was a young turn, be I was also than any water in the second second second second second way of execting the more infinited. Thus, its, we lish had been great more infinited. Thus, its, we will have a second second second second second work and younghins. I was a second to the meant of work and younghins. I was a second second second the second before your has a friend, my shyress and reserve before yourh would have insided in a framher understanding. I was a stridt that the would see it is one way are arathen shifth to relaxations.

15. If both may our allowed of Weber. I had been admitted for his hatcentery and his work. We were considered on the statement of the state

It has been used, perhaps one without print forching, that working is inequalitie that is canceled by the human mini-for observation in the second second second second second second definition of the second second second second definition of the second second second second heat it is and an passal calculated theory-shad heat is the second second second second second definition of the second second second second differences, will be more or let a repetition of what is calculated second second second second definition of the second second second second differences. This is a beautifully written user, eaching it is an interfaced second second second definition of the second second

Illustrated by MOREY

With all my errough, I crashed wy free fit into the pricel's foce. His grip loosened, and he fall back into the snow. The other little new wave memory together Secontimes it was simply too complex

ONE evening, when I called at his house, I found him weary and despondent. He had been working on an idea, of which I had received only vague hints from time to time over a twried of six months. This was near the close of my third year at Wilmar College.

"Alan," he said, lighting his pipe with a perpissed frown, "I'm not going to be able to come hack here

Startled, I said, "Not come book? Where are you

"I'm going to Egypt." Weber said.

For swhile I ast there and trued to puzzle out for myself why he should want to go to Egypt. I recalled impression. Finally I asked him, "What have you

"Haven't I ever told you !" he said. I shook my head. "Why, the greatest of all my researches is connoted with Equat-with some tampies there."

"Tell me about it," I said.

"There's not much to tell-just now. While I was with Lord Rayyon, and I took it. We found some utknown tentios there, of the most remote antiquity, that suggested an idea to me. But Lord Rayvon, an Fre kept the termins a secret, for fear they might be disturbed in my absence. And I've tried to work

"But what's the idea, Waber ?" I insisted, moved by

"You'd laugh at it." Waher said. "It's a fustastic idee. Dot I think there's comething in it."

"You are familiar with the work that has been done lately with glandplay infections and other attempts to

"Yes, of course,

"Well, I found these templor," Weber said, "and an well as Rayvon and I sould estimate, they belonged to a elvilization in Equat elder than any that has so far heen known to exist. Alan, they are incredibly shiperhaps sixty or seventy conturies before Christ. They

"Dit that wasn't all. What amazed me was thing tion. It was not embalming of the sort that produces ardinary mommios such as we have found in E-rent It was come process infinitely superior to embalmingthe decadent anyvival handed down to later civilina-

"And is that," I said, "what you have been trying

"No-better than that. There were inscriptions, you nee. They ware difficult to desipher-a issguege with peculiaritian I had never encountered before-but they were althabetical not nicture-writing. Rayyon knew all about inconstions. He travalated a few of them renghly. And Alan, they were the domination things yre over saw! They binted at adaptife knowledge should be unknown to us. They wave only blats, of I ean't borin to toll you everything about them; bot what I mined on at once was the surgestion that these people knew a way to revive life in their dead kings."

"Bat that's abrord!" I exclaimed. "If they could

revive their kints, what did they have them in these

"It's not so abourd as it sounds." Weber said. "That's the unteresting thing about it. It seems that the kings had been preserved hefore the process for reviving them was known. It was all linked up with a let of mysterious religious ideas. Apparently, though the (who were the acientists too) expected to bring thrm back some day, in the midst of an expected crisis, to save the world."

"I see." I said thoughtfully. "And then the crisis came along, of course, and something happened so that they couldn't revive the dead kince.

"That's the way Rayyon and I figured it." Weber said. "Anyhow, what struck me at once was the yousibility of making something out of those obscure hints about reviving life. That's what I've been working on, whenever I could spare the time, ever since. But he added, "as I told you, I'm atcored. I can't do any some more of those inscriptions

Weber told me a great many things that night about as you will abortly see, there is no need for me to Nothing-that is-in the way that he exthe end.

"They'll give you have of absence for a year, you

Rising and struggling slowly into my coat. I mur-"I wish I could go along with you. fascinating stuff you've been telling me about

"Why don't you come slong ?" he said. "I'll be glad

long enough."

"I don't know . , perhaps it could be arranged " Weber said thrughtfully.

I walled home in the spring darkness and the silence, my feet falling in a muffled sound on the hard never quite buried in my mind, of Elsine,

CRAPTER II

Temples in the Desert

THEANKS to Weber's influence. I was able to go with here. When I left the President's office, maliging

that I had before me a year of travel and before in Weber's company, at first I was incredibly happy, I walked across the campus, looking with a cartain re-Bef at the hubbings and the old trees. Three years of them should have been enough for a little while.

Later, when I had grown used to the idea of my release. I bernt to wonder whether I cared so much about going. I had been physically content at Wilmar: I fult a sort of affection for its remotences and for its unsephistkeated people. I regretted that I should have to go away from my small house, with the the sizes And them see Ficine

The last time I shrold use Elaite would be thit mure. ing, when I held my examination. I walked ever to the building with slow steps, glancing around at the etc-dente on the walks. If I now her now, perhaps I should be able to speak to her, and tell her. But Elsine

I wont in. When the bell rang, I was writing my questions on the blockboard. I didn't are Elame when

I speat that morning in my office many the class wearily and come in to ask me questions. I'm afreid I wan't very helpful-I was presented with other things. I was thinking of Elsine, who was writing her examination in the other room. With the greatest case and dignity, I throught, I could go to the door and call her. The others would look up abstractedly, and go or writing. I could ask kgr to come into my office; then I could tell her. But of course, I wouldn't.

There was another knock on the door.

"Come in," I said. The deer costed gently, Elaine was there. I looked up startled and a little guilty.

"Good morning" I said. "Won't you sit down?" I painted out a chair

Elaine amiled faintly, so also always seamed to smile,

"Is the examination hard?" I neked her anniously. "Is it giving you trouble?"

"No, sir; it's not yory hard. I wanted to ask you one question."

It secured to me fleetingly (as if it mattered?) that this was the first time Elaine had ever exectioned

"What is it?" I soked. For a momant we looked at each other intently, as if we each had something also we wanted to say. I was distarted. But that stight have been an illusion. I dropped my eyes, and

She asked me about one of the problems, and I an-

"Thank you, cir." she said. She was about to heave,

"Are you going on in chemistry next year ?" Elaine nodded.

"Yes, sir-if I got through all right."

"I just wordsred," I said lamety, "You're a good stplant . . . I won't be have next year, you know." I looked out of the window at the President's office scross the campus

Elaina mid about, "You won't he here?"

"No. I'm going nway on leave of absence."

"We were both effort a momont. There was a knock at the door. Ignoring it, I waited until Elsame said;

It was impossible. I centils't meak to her

chrogged slightly, and looked at her with a smile.

"I'm corry, tco," I murmared. "I'd like to be here," I called abraptly, "Come mil" Elaine turned away,

That wao all. I didn't not har again before I left

THINK Weber found me a dull companion during , the trip across to Marseilles and Cairn. We had books with us. We would sit on doth during the day read. Life hold more next for Weber than it dud for me. He was capable of enjoying his holidays as completcly as he enjoyed his work. In the evenings we would watch the people dancing incide ; competimen he for hours, talking to a young man, or to a girl. But I stant my time standing by the rall at night, looking at the water an it went by underneath, gurgling absently and mysteriously to itself.

. Weber was worried and collecteue. One day, near the

and of the wayage, he asked me whother I falt wall It was late in the evening, in the darkness on deck

"Would you think me wery much of a fool if I tak you what's the matter with mo?"

Weber amiled, and said, "Probably. But tell me any

So I told him. He listened quietly, amolding his pipe

"And you said nothing to her ?" he saked me finally "No." I tapped my flagore on the chair, and frowned

at the moon rising out of the water. "But my doar follow!" Woher said. "It equads to

in you."

"Do you think so?" I said. "But I couldn't not anything. Fm a fool about things like that," Weber noddad

"I know," he marmured, "But she'll he there when you go hack."

"No-this will be her last year. There's nothing

"Whure's she from ?" Weber said

"I don't know. I don't know snything about her.

"Weber laughed coffly, sympathotically, in the

"You have been a foul, Alan," he said, "But you"

"I doubt it." I said

"You can change your mind, if you'd rather, and go back to

"It would do no good." I shook my head morotely

"Well-wait the you see Raypt," Weber suggested

We arrived in Cairo a few days later. Seres day when I write my book about these times, I will tell what I new in Cairo. It was, to me, a ptrange, bewildering place, full of noise and heat and color, vory different from the Carro of today. But Calro hardly enters into this story. During the weak we spont me shout among various officials, arranging the details

Early one morning, with our guide, we set out along there would be little annuch to tell about that long finally we left the Nile and hended into the desert, days later. We were quite alone, in country where cases were rure. The temples were only a day's ride distant from the Nile; but they hav in a most so county and deperted as the moon.

We naw them first as we came to the top of a small rist. They were not pyranids. There were three templet, grouped together about a central court. Rushes and woods, and a few tired-looking trees grew should them and in the court. They shoed mantive and white resembled the sort of architecture we speak of as Exercition. They seemed almost modern in dealers. To ma, it sound quite strange.

Our guide looked at them impossively and said nothing. Weber smiled faintly. He was relieved that he had been able to find them at all. Our two cars rolled

"Hore we are," Weber said careleady. But we sat there awhile in ellence, looking at them, oppressed

The Ferrer

PENING from the court were lefty halls and Passages lod away from them into other rooms, and downward into the crypts where the kings law. We dark there, during the day, and the sun heat down Nindicaly on the court outside. At night the stars were visible from the place where we skpt, a faw hrilliant stays between the distant hill top and the outline of high archay. The wind stored pastlands along the floces and among the fallen stones of old altars.

On the day after our arrival, leaving our guide, we want down into the crypts. There were long, dark atairways winding down from the halls. They led fitally to a low rours in each building where plan of They were the kings' passessions, undisturbed for reems. Weber neinted cut to me an inscription in a strange alphabet.

"What do they mean ?" I asked him.

"They are a warning, Rayyon translated them to mo. I have forgotten the words; but they utter a curse kings before the appointed day. Whoever intrudes on netodora, will sicken mysteriously and, at fact, die.

"It doen't sound liks a very great threat," I said.

"The natives take it quite seriously. You see? None of these treavares have been distarbed-entapt once when Rayvon and I axamined them. But we carried

I and throughtfully, "Bayyon died . . .

We left the treasures untenched, and found the entraves to the hing's burial shamber. There was a secret door, conningly conceled. Water had been there before; he know the secret. He pressed a portion ing around a hidden hinge. An opening was revealed he gave me his hand and ansisted me up behind him.

The ervet was ventilated measurily in some fashion which we could not at once discover ; the air was musty, but apparently pure. Weher issped down to the floor within, his tarch lighted, and I followed him. To. rother, we found the bronze lamps he had predicted

The rour, in the ismplight, was simple and small. The walls and floor-even the oulling-were severed By in a depression on the platform, surrounded by a cublions. The dust rose gently and hovered over the

Weber told poftly, "This is Torren-Askto."

I nodded silently, examining the still figure at our not swathed in the coverings of the Pharnobs; its hands were at its sides; it was quiet and calm. There of a slauping man, yet it hardly seemed quite dead It was the body of a man command for root, canobt fleah hasitantly: it was cold, but it yielded to my florers, Gradually the skin rose again, after I brought my hand

"Yes," I muttered, smilling faintly,

"And yet the body has been here for eighty centuries . . . He might have died only five minutes ara" That is how the bing lashed

I sented myself on the steps, staring curiously at the body, while Weber brought out his notebook and a ten. I waited awhile, immersed in my own theughts; Wahar copied down pure after page of the endless inperiptions. Bafare long, the atmosphere of the place

"Do you mind if I want for you in the other roam?" I saled. "If you don't need me just now !"

Welce nodded absently.

I climbed up to the doorway sgain, and crept over into the room beyond. The treasures were there. thousands of delicate jeweis and vessels of gold and solver. I steat hours examining them while I waited for Weber. They were so old that even their value hardly appressed me. They wrought in my imagination which poctures of the ancient world over which Tomen-Ashto had ruled, a world of which there remained no body bying beyond the heavy door and the faint whisper

Weber stirred finally, and came both through the small doorway, closing it carefully bahad him. I said slowly, rotating myself from a deep lothargy, "What

"I dee't know ret." Waher said. "Til have to work on them with Rayvon's code"

Our volces sounded mullisi and distant : I tottered a little, doully, as we clambed the stairs, and my fore-

DAILY, for a week, I worked with Weber in the tample of Toman-Ashto, Overcoming the obscore feeling that troubled me in the crypt, I spent hours there copying long invertations while Weber, seated near the bally, inhorizonly translated them into Eng-Ech from Bayvon's code. Often there were passage lived long enough to complete his notes. Many of the inscriptions were unimportant-endless praises of the king and of the gods, long histories of forgotten wars. Once in awhile, however, Weber would sturble or comething that assessed to give him a hird of what he wanted. An emplanation would come softhe to his lines wandered off into other fields.

The senastion of strangeness never left me-it increated at the days went on. Gradually, while I worked, through the silicane of my brain, full of a significance

In the somnings, while Weber put his ideas together singing momental songs softly in the darkness. Or I My mind was like an ecosty hall, stirving with the distant school of momentaria sparts and I had for-

One morning, when I awoits, I was mable to rise My limbs were heavy and weak; my body was covered with a slight perspiration. I had tossed all night in the midst of nightmares I could not remember. I re-

of carrying me back to the village on the Nile, where I could find some sort of madical aid; but I seemed very weak, and he throught is was only a teach of famer. myself with gainine. He left me in the gunde's care. and weat down to the crypt again.

There is nothing clear in my recellection of the days after that. My conscioumess faded gradually, until 1 remarker only long periods of time when I hay, meanly lifeless, on my pallet, while chaotic dreams numped each other through my brain. There were long momonth, at rare intervals, when my syms would open and I would see clearly the dim, high hall around me, and the brilliant white sunlight of the court, the guide's hunched figure sitting motionless hetween two colwithout Hfe. I would say them for a while immension Then my eyes would close again, and the drasms come

Once or twice I wakened sufferily in the night to find Waher bowed over me, his face twinted and distoried by the flaring light of a lamp. I had forgetten hits. My aven exerced wide and stared at hum, shartled, filed with horror, while I struggled to understand something whose meaning I had lost. Then his face

away from me suddenly, as water drops away from a body when it rises freen the sea. I occured my aven a lamp at the far and. Shadows moved fitfully should the wind. My head was clear.

"Waber," I called. My voice carried across the cool

Weber Jookod up, startlod, and stared at me for a man Then, with an inarticulate ory, he jumped "Are you awake, Alan?" he sold.

He came swiftly toward me down the hall and stood

"What is it?" he said. "Are you better?"

"Yes. I think on. But it won't last."

"You know that, too " Woher said, froming.

For a fow moments we said nothing, as if the approach of douth had rendered speech no longer

"Weber," I mid at last, "do you remember Rlaine?"

"Say something to her, will you? Anything will do."

"What?"

"Per discovered somethine."

"Your secret?" I said. "How to bring back Efs." "No-met shar!

What, then?"

"Alan," he said, "I was working over those inserin

science of a sort we've never known or whether it's magio. But I think I say what it means, what it will

"Is it immortant to me?" I soked, with the day

"Alan, it's the secret of surpended animation. It will take your body and preserve it, as these kings are

I thought for awhile without interest, nicturing myself a body like the body of Tomen-Ashto, lying doad in the stillness of a dark cryst

"What does st matter, Weber ?" I said finally,

"Mutter?" he said. "Why, it means that I can keep your body as it will be at the moment of death and prothe secrets of these people. Also, I'm sure that I'm find what I'm looking for, somer or later. it soon! I'll be able to heing you back to hife."

"You'll have Elaine."

"Elaine . . . " I multered her name reatleasily in the ellence. "Yas-that would be worth it."

Weber knalt at my side.

"Alan !" he pard. "You depend on me to do this You're going to dis-you. But at the very moment of death I'll take your body and treat it as those Egyptians treated their kings. And then, an soon an you back again "

I modded, and glanced at his face.

"Yes, I'll trust you," I said. He selzed my hand and

I includ away, out through the columns to the court yard, and heyond that to the desart. Dawn was coming. A faint, cold, silver light was rising stealthaly out of the ground.

Velvet surtains fell, rurtling, about my head

CEAPTER IV

The Garden of Istal

7OICES marmured for a long while, growing bondar. I was cold, but warmth came alurgishly into my hody. There was a tingling, itching sensation in my skin. One of the voices said: "That's enough."

I entered my syma.

Two men stood over me. They were not old mon. They were white tunics, failung from the shouldren penatrating smell. The other removed from my logs two metal bunds, from which worst went to a small cabinet on the floor. The room was lighted with a huge electric torch on the wall that mave out a diffuse. noft elers.

I murmured mechanically, "Where's Weber !"

"Weber ?" The man at my side examined me impenetrikly, and shock his head. He dried his hands

"No." the man said, numbering. "Weber int? here."

"Where is he?" "You don't understand," the man mid. "Who was

I considered his question excefully. I was confused Instead of anyworing, I said, "Have I been here loag?"

"How long ?" I said.

The man looked at his companion, puzzled, and asked. "Here would you say?"

"A long time," the other said, "a very kong time."



the pround and superved up

I rested awhile. Then I soled. "What year is it?" the other, walling. A wayle alarm began to treather ms. I said again, "What your is it?"

The men and nothing, watching me. Finally the man at my side asked politely, "Would you like to get un? Here is a suit for you." He held out a tunio

Very suddenly I was awake. A surricion entered intence. I stood up, and grasped the mon's arresaid, "I must know what year it is."

But the men looked helplaudy at each other and at me. "We don't understand." they said

I released the man's arm. I took the carmont he ering. The matter was not yet quite clear. There was an odd diffenity.

The room was the small room under the Temple where Weber and I had worked. One of the men leaged lowed me. We crawled through to the other side, and longed down into the room where the treasures had here. The treasures were all eres. The mote led me toward the stairs. One of them said, "What is your

"Hy name? Also Fraser."

"My name is Intal," the man said who had been

The other added "I am Deto"

We climbed the stairs in allence. The stairs were

The roof of the Temple had fallen in. When we boose rocks, through a paggod opening, to the light of a late afternoon. It was not very bright A small breath of wind, blowing through the rained walks,

"Not very cold," I said.

I koshed up at the sun. It was a small globe, tinted with red and recembling a full moon, hanging in the sky. The sun wore a questioning look.

Frightened, unwilling to understand, I said: "Has it been a very long time?" I pointed to the mm. Dras and Istal followed my finger, glancing up. Dras said, "You mean the sun has changed ?"

their even. They showed no surprise,

"It must have been a long time," Drus said

"Ent here long ?' I insisted. "How many wars?"

The depent man more A toll aights port of more grew all about where the desert had been, like the It waved gently in the wind, rentling, more databite than the gand had ever been. When I saw the grass,

Near the ruins of the old buildings, half hidden in the grass, stori a small light machine. Dras and Istal Istal in front of ms. made a motion with his hands, which man conversed from the Three was a low senich were conseased iron mit. There was a nor humaning under the floor. Without wings or propeller

"I don't know." I slanced at Drss.

Dras and, "Maybe assessed as bran.

The mathine flew swiftly, but not so swiftly as it was shie to fiy-stmething I would learn in time. The the wind by low, sloping pages of slass. I rested in but a sort of deep terror. I understood that omturies had tenned, nerhane thousands of years. The sun had changed . . . perhaps millions of years. But the mon

THE grass altered gradualty under on thickening arrent, and passed imperceptibly into a thickening cultivated land. There were houses at intervals, glittoring, fragile structures of an unfamiliar metal. We strelled about in a leasurely fashion along walks of the same metal talking. They ware dressed like my compessione, in light tunics.

We came to a wide canal, flowing with mathematical precision obliquely arroas our course. Record the caral our machine dipped down, and headed toward one of the metallic bornes that sheet near the water. under a group of trees. We landed gently on a laws, cices to the decrway. Dras and Istal stepped down. I

"This is the house," Istal said. The words sounded oddly like an old sentence from a child's French

We entered the house. Dras went on down a long shade of the gurden hehind the house. Intal took me up by a moving escalator to the second story. The had no doors. Motal curtains hung in all the doorways.

"You shall bothe and put on another suit," he said. "Then we shall have food for you in the garden."

The range and the ball were not unlike these L-bad known before. I refused to think during the short while I needed to bothe. Later, after my breakfast,

The meal was served in the garden. There were and his father, Lord, Lordi was a vigorous old man who examined me with keen ayus and sand little at first. Tabo, a handseene girl dressed in a bunic like into a chair. The mamory was too everybalming for

a limited mechanism the human mind must he. Perhaps, fortunately, there are situations which, as ideas, affect powerfully a man's emotions; but when he finds behind them, a fockle stirring of unrecognized despair.

first I tried to find some mental perspective in which to view what had harpened to me, but that was behe was rearching. I had Jain surponded between life was profoundly different from mine in its very bases;

When I had finished, I leaned back in my chair, furthing unterscrouply in imaginary pockets for a

"What is it you want, my son ?" Istal's father asked ms. I answered in confusion, "Why-I was looking for a cigarette."

He sold "What is a circulate?

"A white take of paper filed with tobacco. Don't you ever smoke tobacco here?"

"No. I think I have read correshere of tohseco. But I have prear sean it."

I followed for a few moments a vegrant idea-if] must lyve among these people, would I be able to caltivate tohacco on their soil? Istal roused me with a

"My father," he said, "is a wise mon. I am not wise, and I could not answer any of your quastions. But my father may understand them."

"Ark me what you like, my am. Perhaps I can help you a little

I looked at Lasti esperity, and said, "Can you tell

"My non, you speak of scenething which is unknown

few philosophers smear us who have studied what time is, and none of them has careed whether it exists or whether it was a notion peculiar to the ancienta. When I was younger, I read some of the books of the ancients; they speke continually of time. The words which we now use, that have no metaphysical significance, they mind as a sort of measure, wherely they thought they could attach themselves to the dead, to dead and thuy exist no more. We do not understand any difference between things that are dead; we do not understand what you mean when you meak of

I said, "Do you not count the days, the months, and the years ?"

"We do not count them. Perhaps today you are in Calvo: perhaps you are in Assours tomerrow, When both these dars are behind up does it matter which day found you in Cairo and which in Assymm? The days go on, one after aneiher, and they are not in themselves very different from each other. We remember the things we have done; but dons it matter on

"Surely, sir," I protected, "you must recourse the hours of the day! If not, how could you knep a meet-

We know the hours, my new; but in that time? What then, do you call time? The earth moves about the sun, and that is a physical movement through opeca. of the day. Before that bour a hundred things may happen to me while you are performing one soi, but there. If that is what you call time. I do not undor-

"But if your machines and clecks," I said, "move as the sur moves, an oppal distance while you are liv-

"How, my son? It preves that the nature of mas

chines is to move in a certain way, as it is the nature of the earth to move through space; and we can beam, shock his head gravely. "It is a strange subject my son. We cannot hope to understand it, if our philosophers cannot agree."

"And your crops," I said, "can you know when to gather them, without counting the days?"

"Thry are gathered by the machines," he said, "and the machines know."

"Who sets the machines?"

"Sats three1. The machines need nothing but their all and sometimes their resairs. If they are broken, we remain then with other machines. We have absure had the machines. We do not culte understand them," he added, with a puzzled frown, "but they work for

I considered helplassly awhile, wondering how I could find mynelf in time, and whether, after all, it

"Have you no histories?" I saked. "Do you not study the anglent divilizations, and ask yeurselves when

"We have books about the dead times," Losti said "We read them. Ferbans they are fairy tales, perhaps Here we are," he said, "--- these others exist no longer, any more than the countries on the more, of which we also read in old books, or the people at the surth's care. Why should we care, if they amnas us? How can we measure the truth of these things which do not exist, or measure the distance between them?"

"Terhapo. But we have no memories of than."

I HAD a vision in that moment, of these people and ing the career of man on earth. I think that for An instant I understood them. They had their mechines, their knowledge of the physical preperties of the universe. Perhaps, like the Greaks, they had clean and clear minds; but they had no understanding of and simple. They lived for the moment, and for the pleasures of life. Their civilization might endure for years or for thousands of years without change, until an unforescen estastrophe ended it. Deprived of handably and struggle, they had but the deep, hewildered was allen to me, had even then a curtain fandmation.

After swhile, I said: "Lasti, if I should tell you

"Burshy," Lasti and. "I am always pleased by these tales. You shall tell me one day; and I will tell you the Alays of which I have read."

Later, when the effortcore was nearly over. I adied

"The world," he said, "is a very interesting place, if you care to study it. Some day, if you him, we shall travel together. I will show you the people who live on the other side of the world. They have some curious would find them interested in time, as you are."

"We selden have the country where we are born," Lasti said. "We have all that we need here. SomeI have twended a little. I speet a few months over

"The North," I said. "I wanted to ask you shout the North. Is there still a nation called the United

"I have never heard of them." he said. "There is nothing in the North. It is cold and harron, like the far South. There are a few hatharous natives living among the ruins of old cities. The rest is its and mow, when you go very far beyond the Sea of Calro and the Mexican Sea."

I modded somburly, and said: "Three are glaciers, I managed The scath word he pow did now"

"Were you ever in the North 1" Lasti said

"I was horn there, in a pince called Virginia, It

"Of course. We loved it way much"

The sun had set. A strange, prestrating criminan sunset I had ever sean.

"We must so in, Father," Istal said, "hefore the cold comes down into our own garden."

Lasti modeled. We all rans and wandered back toward

I formal to Satal and said: "Tall me, sir-owny did you trouble to wake me? Surely it meant nothing to you that I had lived among the ancients? It was not

"I naw you there one day," Intal reid, "when I was walking among the rules, and dreaming. I found you by accident. So I took Dran to not you, and Dran in corious about these things. We throught that you might care to be alive again. We brought the machinas down from Calro. Boor, mayns, we shall wake

"He is different from you....his skin is dark, and his

"You did it for placence?" I mid. "It was a port

Istal shrugged, smilling.

"We thought you would not have been there." he said, "malens you meent to wake again some day."

I walked for a moment in aflence. Then I said: "And the other temple-the third ? Who aloops there?"

Elajite? . . .

CHAPTER V

A Tomb in the North

N the morning, when I rose and put on another of the clean white tunics, I went down into the garden and found Talls, the sister of Istal

"Good morning," she said, smiling at me in the sunneht. She was having ber breakfast on the table

She beckeened me to a chair, and said: "Will you

"Thunks," I not down hy ber, and also gave me hreakfast from a silver dish on the table.

I was trephied short Istal's bandtality. T didate how whether he cared to how the long at his great sceneric conditions of this civilization. In say case, I could do in order to live. I wondered whether I should find any work left in the world that I was also to do "What do neeple do here all day, Talis?" I asked the sirl. "How do they spend their time?"

"We amuse ourselves," she said, smiling still. "Sometimes we read, comptimes we walk among the fields so nosn ?**

"Oh, no! But I wasn't used to idleness in my world. We were slways doing things, working. That is how we managed to live. Is there no work here?

"A few netrols work" Table said a faint note of "A new propie work," Tans said, a faith noise of scorn for them in her voice, "when they can't among

"But how do people make money?" I saked. "Where do they get food?

She looked at me in astonishment

"I've nover heard of money. And as for feed-why, there's food everywhere. That's what the machines

"You roe," I explained slowly, "I wanted to know whether I couldn't do semething for movelf. I can't

"I dan't image what you mean ? Talls sold with a questioning look. "If you don't like my brother-" "Of course I like him?"

"If you don't want to live here with us, there are other houses. You can go wherever you please."

"I don't want to go," I said hastly. She watched

Finally she said: "I wish you would say things I could

"No," I said, "not that, exactly. But I'd like to have my people with me, noo.

"We like you," Talls said. "We'll all he hind to you

"Thatks-that is very kind of you," I said, milling in an embermand fashier

Talis laughed, and said: "You're nice."

"The trouble in," I added scherty, "that I was in low-

"Ob. I'm norry," Tallo said. "That sha's dead now,

"Ware you very fand of her?" Her voice was kind and sympathetic, as if she spoke to a child. "What was

"Her name was Elaine."

"This is not a name." Talls threadst about the name where "

"Have you?" I had a vague and fantactic surnicion. for just a moment, that she might have known Elaine. Then I amiled at mynelf, nonewhat bitteriy.

Passied, I asked: "An old book ?"

"I don't know-it's a book of my brother's. Maybe I could show it to rou."

Still troubled with that curious intuitive survicion. I raid: "I'd like to me it."

Talis steed up.

"Pil find it for you," she said. "I think I know

She went toward the house. Again, as I had done the night before, I furshled intently at the sides of there were no clgarettes say more. Half earer, half

After awhile she came back, a book in her hands. She held it open, turning the leaves as she approached. I impationce.

"This is it," she said. "It's a book about the North

She held it out, and I seized it awicwardly

The book was called Wonders of the North. It was He the books I had always known, except that the binding was metal, and the pages were thin sheets that might also have been metal. The letters were faintly

The passage Talls pointed out to me read:

Among these ruins is a building of white stone that stands on a hill. The savages weeship it. They have a legend that their Queen is buried there, and that she will some day rise from the dead, shattering the heavy walls, and come forth The walls are smooth and spotless everywhere, emorpt on one side where there is an inscription

THE TONS OF ELAINE

and the building roots on solid rock. It is a silent and mysterious place. . .

I stared for awhile at the new. Them was no more about the tumb. The author went on to describe ruland to follow it. Yet there was a pointed atmosphere about god for my eyes, as if I had been expected to read a

I gave the book back, while Talls watched me earl-

"What is it?" she saked selicitously, seeing my sgi-

I said: "It might he the same Elsine."

"She could have become a queen," I said, "and I should not have known the difference."

Istal and his failer came toward us from the house. my mind still on the book. Losti noticed my excitement, and he said: "What is rt, my scol Has the

"No. air. 21's a book I have been examining-"

"About the North?"

"Yes. There is nonething in the North I must go

Talls said, patting me on the arm: "It's his girl. father. He thinks she is buried there."

"But if the it dead, my son-?" Lasti asked

"She may have been left half dead, as I was left And, even if ahe is dead, I should want to ate her."

Lasti podded.

"Then you must mo." he said

"It will be a long journey," letal said, "and you will

"I shall stand the cold," I answered. "When I lived "I shall shand the coul," I answered. "Wata I lived alward managed to survive. It can't be much colder

Lasti said: "You will see, my sen."

They sat down to their breakfast, and I wandered away through the garden with Talls

Elaine

FLEW westward in a closed ship. I left one morning, circling over Istal's house while the family waved goodhye, and I headed for what had been the Centry Islands. Dras had taught me to uffet the narrow, graceful machine. It was easy to handle. Dear he had given life back to my hody, and taught me how to peo it. The ship was stored with heavy clothes and with food. I carried maps and compasses and books.

Indernash lay always the same males of cultivated land-fields, woods, canals-that I had neen before. whistling of the wind along its sides.

The graft made, for these times, no great speed. I reade an average of about three hundred miles an hour I came to the Canarias; by the solar chronometer course, a little to the south, that would bring me to Mexico City by the following afternoon.

A profound neace and stillness lay around me. The sea was calm, moving in long, slow swells under the

Night came. The sun went down, large, vague and red among fow clouds and mist. My cable became a My instruments guided me. After awhile, I turned off me of knely winter nights in my heyboad, when I had

There was a storm some time before midnight. It it lasted, the sea twinted and strongled under me in tiess to time across the windows of my cabin. But the ably rode securely, unanawarable to the storm. The wind and the nes went down randly. The clouds

It was still dark when I came in sucht of Column

the sky with gray as dawn approached. Just as the ern coapped a long, brilliant card of red over the above a long beach of white cand, and arennached I had left hehind me in Africa. There were found makes of field. These gave way sgain to the waters of

Half an hour later Maxico City, a glittering mass of

blue, metallic towers, rose up before use. I made for a tail building in the senter of the city. Dras had described it to me-ot was the Tower of Science, 1 lessered my ship multy to its roof, and sterood out. A sun on a white, snow-capped peak in the distance, I "Gentleman," I said. They turned. "Are you the

members of the Science Club?"

They moded gravely. They were the simple, childlike air that Greek philosophers must have worn. They has . Science was their hobby: they studied it for the pleasure it gave them. There were no more sci-

"I am traveling toward the North," I told than, "I have learned about an old building there that I want to see. I thought perhaps you could give me some

A little surprised, but without incredulity, one of

"There are many stronge things in the North, my friend. I wone there once, as far as I could safely go,

I showed him Istal's book, Wonders of the North.

"Hy father wrote it. My family has always been

"There is a passage hree," I cald, opening the book at the page 1 had marked. "I worder if you have ever aren this healldown by

He took the volume, and read the paragraph slowly, frowning a little. When he had finished, he thought swhile, glancing up at the sky. Finally he handed the

"I have nom the place, but I don't recall where it is, Perhane I could find more about it from my hocks."

"Why not?" he said. "H's as interesting place, that

"It has always been a temptation to me to com

I BREAKPASTED with Kivre, the scientist, We table and murched their pages while we ate. They ware remarkshie books, all describing the marveleus about the details that a true scientist much have fixed first. They prejected to describe the location of the

In the end, after hours of searching, we found what small type, buried near the end of a chapter about one

Near this town (the footnote read) stands the the control amore nearly hidden by the trees and

"Of coursel" Kivm exclaimed. "I remember the Shilts. It is remarkable for the little group of evergreens about the hill where the tumb stands. The natives live among the old walls at the foot of the hill."

I rubbed my tired eyes with a gesture of relief. "Thank God," I said. Kivro glassed at me curiously.

"You are very eagur to know?" he said. "Very eagur. If I find what I am looking for, when I come back. I will show you why it m so imperiant

to me." Kivro podded, and I thanked him hantily. Refering

but after of g pinor is news, 1 went hash to the new for the after rate of pinor hashing such as the pinor hashing the second set has a second second second second second term of the second second second second second second blocks are also also at, the stars, source the odd of Mosters is a second distances and second distances are second distances are second sec

All the task aftenses, after reating until the object in the morning, I followed the Ministrippi contributed. Shifes, the town for which I was concluded, was the nutrice name for which reated of Chicage. It would not be difficult to find. The only, however, had a defaulte effect on the mechanism of the ship, catting down in speed more and more as I went on. It task me areas bound to reach Chicage.

I had you on the beavy above, but in 'goin of them I was cold. The heat in my caling decreased propostionately with the shep's spied. I was glind that I had more resistance to cold weather than initial and him people, but even for ms the discomfort was difficult to enforce.

All shore my route, now, the sorth was covered fort with now rout here with above of the ... The study are visitone output the states of the term into these here were there is a dial cover through which my instruments has in pulse ms. The caustry, when I could set it, suce moreoverlanks. The caustrain and areast during which I had been dead had changed the wearing which I had been dead had changed the base of the terms. Here the strengt shares the hadron of the river. Even the strengt further nearly was from total.

Threached off from the Ministelepi late in the afternoun, and followed the Illine's. One there had been a could from Jolit to Chusen, forty miles away, but there remained no trace either of the senal or of the edy. I left the river rate is baside neutheout inwand Chicago. Just hefere the day ended, the blinding, is rays of the un pointed it end.

Very little remained of Chingan. Most of the hulditers had crushed away long asy under the generaling weight of the too. Here and then, penied greenough on the Alb, stood inshind gramped of waik, deep in nover. Hought of it as a high story. Thus were hills nover thought of it as a high with. Thus were hills nover thought of it as a high with. Thus were hills nover thought of it as a high story. Thus were hills to be a set in the story of the story of the story of knowing. They were then.

I formal immediately the hill fee which I was married ing. If evertupped all the obtem, regular and manded like an artificial hill. On its combern size, shellneed in a sort of notizenal amplituhents from the whole, greer most of the block trees of which Elves had going Here, too, built against the jarged shellner of beaken walls, stocel rack, exvesible burst of stone and les. This uses of stook adrifted us from them anyth eaght maktions of stook adrifted us from them meth cample mark denly in the wind, they lifted and disappeared in the gray air.

Where the antires lived accreds in pices is have saming the heat, floors in all same is foll across an arrange the heat, floors in all same is foll across the same pice heat, floors in all same is foll across the same pice heat, floors in all same is and same pice of the same is a same pice of the same same pice of the listed is the sheat, when it was to be, if heats are same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same pice of the same same pice of the same pice of the same pice of the same pice of the same same pice of the same pice of th

As some at dawn erinn. I was swelte. The same half storped filling, and some of the nutries were chosen yee. In spite of the storie from their hate, I half obsthed whacher arg mattere entitle, is something fastantie and unreal is my fills during these vector that I half wert of standard of values in realizing somethies I halfwert in the impossible, and more edited 1 obsthed the truth. Noting were real, public was falses. I the truth is not standard was an entities of the truth wheth I mored matchanically, discussed only by the the same halting of were past [10].

Winning at the contact of unbulkewsky cold ar, I pashed spot. the does of my colds and support out The instruments I would need wave not basy. I hitted them out beside mu, in two metal cases, and locked the does. Backled to my belt was the long tube, like a finabilitiek that would distributive radie of the tens.

I moved quietly through the snow toward the irree, part the neitre houses. The arow were deep, but heavily packed. I strangide theety up the hill until I reached the trees. There the path was canter. I minded the cell less, now list I was expected to it; it was brackage is a way, and my activity reachered 25 becarable.

It took a long while to domb the hill, but finally, I reached the top. A hints of codd which envoyed deem on me at the reasonic, but I dushed under the shaller of the touch, where the null letters, out deep late the share, tabl me that Elaine-some Elaine-was buried here.

This shart the instruments through first, and followed them bestly. I found structly for a small related in a single structure bars. I assumed its wall. The room appeared to have a structure of the structure of the structure of the various inscriptions on the well, but if was too dork to read them. A metail step is one of the inner wells distroged a doce. It sugged at it, and after a moment of substance is ensere structurely open, or rouge highest

Too ensitied and too numb from the cell to case for any presentients, if science discover the nontherroom which sounded, by the educ of my travements, harper than the first. Here the earlness was prefound. Again I explored with my fingers. This time I discovered a number of large metal boxon, zero of them large enough, however, to be Exhibe's ceffs. The room centation prefilting who.

Cursing myself for not having thought to bring a through which I had outer. There should be at least two small rooms adjoining the antechamber I had

Disappointed. I felt my way nervously hack to the firgers, and they were apparently sealed. I was afraid contents. Nervously, I seated myself on the cold floor

It is manufic that I was not quite retional at that rument. I had worked as far with the mechanical inregulty of a relat or a molman. The interne cold and the strangeness of the whole adventure had deadened my facultoes. I felt very little true emotion part emotion, ever since my awakaning.

In any case, I think that I must have last consciouspero briefly. Desens of faint dreams and impressions and reality. Suddenly, however, I found myself recalling the moment when Weber and I had first penotrated into the temb of Temen-Ashto. Charly, and with a sort of startial fighty. I any Weber much at the wall in the subterranean room, and saw the wall yield and term on its hidden hinges. I was aware of a fash-

I stood up, a little weak, and ground my way hack viccousty against it in all directions, but without Then I crossed to the other side of the door, and tried the wall thore. After a moment, it seemed to stir gently henseth my fingers. I pushed harder, and it yielded. The wall swang inward, like a door.

And modenly, as it cound, I jumped back with a startied ery. The whole room had barst into a bisse of light, and a light came through the door from the reem beyond, blinding my eyes after the intense dark-ness. Frightened, as if by an invisible presence, I The stillaces was utbroken. Nobody appeared; nething

I grew accustomed to the light, and my nervos became This was not an ordinary tumb. I was tee confused that they had not been left have marely to divert intruders. Nor were they for the use of the dead.

With a heinf glance abant the room, I turned my attention again to the drog I had just organd. It came tomb, and it gave upon a stairway leading down under the floor. There was a warm current of air rising through the doorway.

I went to the antechamber and found my instruments. It was not a long staleway. It led to a room directly under the first floor of the tornh. As I entered this riem, I gasped with surprise, and stood transfixed,

It was a low waves aborabox descented with mond and alaster Me the rooms I had known hefers my death. The wood seamed oddly framily, an if it would countly were chairs, tables, and all the other furnishings of a become tattered and crumbled into dust, lewving the have wood and the oprings exposed; and the rug on the floor fell apart, rising in fine particles of dust and brushes, the bottles and hones and jars, still remained intact on the dressing table.

There was an old iron hed in the corner. Rivine law

I crossed the room slowly, and looked down at her. The huddlothes and her gown, hits the covers of the chairs, were dust. She ky there, beautiful and inmobile, as if systemided betation life and double. Her apes were closed. She lay with her hands at her side, quiet and galm, a girl composed for rest. The centurice

"Elsine," I seld wonderingly, lost in the miragle of her hid, and rested my head wearly on my arms.] think that I cried. I was a fraid to touch har body.

The Little Mon of Shika

WHEN the little hand on the dial reached ninetranw Elaite move alightly. I bent down and touched her check with trembling fingers; if was warm again, and

Her emilies fightered. I knoht healde her again removing the metal bands from her wrists and from her sakks. Her eyes opened a little, and planced at me gravely. Her has lifted in a brief amile.

"Mr. Fraatr. . . ." abe murnured.

"Elsine!"

She examined my face with languid attentiveness, and asked; "Are we all right?"

"All right, Elsine," I asid.

"What time is it, Mr. Franer !"

I didn't know. I had no watch-only the chronumeters on the ship. And it was around that, at the end of so many centuries, Elsine should ask first for the time. But I said corelectly: "Eleven o'clock."

She closed her eyes awhile, and frowned elightly,

"Do you fiel hetter?" I sold

"Yes, sir, Eut..." She spened har eyes again suddeniy-wide. "Why," the said, "where are we?"

"Don't you know, Elsine?" I asked

"I think..." She was puzzled. "I thought you were" And then her memory wakened. She raised hernelf a

I retified at her (she had called me by my namel)

"Why, that's all right, Elaine," I said, "Webey was right-

my face

"Buf this place," she said. "Has it been leng?"

"It's heat a long time."

"How long, Alap!

"Years" I said. "You'll see."

She cloud by even and reated in my arms. With my hand I smoothed the hair on her forsheed She

I kined her lips gently

I said: "Elaine. What happened? How did you get

"Charles Weber told me about your death. I loved

"You did? All the time?"

"Yes. And when he told me, I made him promise to loave are here with you."

"Yee, And then I-454 this." She pointed out to the a scar on her wrist.

"That want/t very hard. I was afraid I might grow

After awhile, I said: "But, Elaine, we're in Chicage now. And Weber left ma in Egypt."

"Yas. Who brought you have? And what happened

"I don't know. Isn't Weber have !" Elaine said. "Didn't he wake you?

"Weber's dead. He diad a long time ago. All the

A look of four same into her eyes. She stared at me.

"I don't know, honey. Everything has changed-M's been a long time."

Slowly she said ! "And Weber didn't wake you up ?" "Wahey is dead, Strange people wells me up, and you weren't there. But I looked for you, and found

this place."

"I didn't. I had to guess."

Elaure lifted her hands and tenched my halr.

"We'll be happy, Elaine. Together."

Hor body atirnal resileasly under the orvers. She said: "Shall I get up now, and come with you?"

"Are you strong enough !"

"I'm well now. I can go anywhere."

"You must take those dothes of mine. Your clothes Are geos."

Elsine reciled, and rold : "I wurdt nead as much."

"It's orld, Elaine. You'll need them." I took off the heavy shoes I had worn to the tomh. "Take these, too.

"But Alan! What'll you do?"

I smiled, shivering a little in my light tunie.

"I'll be all right," I said. "It han't far to the ship." where they were. They would be in the way if I carried

"Pli wait for you upstairs, Elaine." I said

. She came very soon, wrapped penderstarly in the awkward clothes I had given her.

CLOSED the door behind her. Immediately the lights fighted off. They had been growing dim. I how they had been able to survive the continuion- best in

"Com," I said, "maybe we'd heiter hurry, honey." "Are we going come where ?"

"We're going home. There are strange people here esting hole I had made in the wall revealed the worth of now and ice outside. Elalor gamed with surprise everyteens towering against the sky.

"Chicago," I said thivering painfully in the cold air

Without saving any more, I helped her through the wall and followed heatily, leaping with a shock down into the snow. The mow burned my have feet lifer a blanket of white fire.

"We'll have to hurry," I panted. "I can't stand much of this."

We ran down the hill-side, sliding and stumbling through the snow. My tanic was no protection agains' the cold. I was afraid to pause; I waved my arms and legs wildly to keep the circulation poing.

We hurst out of the woods, into the little mathering against the snow in the clearing. A crowd of little stunted, dwarf-like figures was gathered around it we approached. Then they fell back a few stone beyond the ship. One of them waited at its door

We reached the ship. The little man who had waited stood by helplensly while I unlocked the dree. As I was about to open it, however, he laid his hand on my

"What are you doing ?" he asked in a strange dislect, hut in English. "Who are you !"

I paused a moment, wondaring what to tell him, and

"I've come from the South," I mid. "New I must ep hack "

"And the woman," he insisted, "who is the? Where

I said impatiently, without thinking ;

"I found her up on the hill. That's what I came fer,

But the little man startled me with a load cry. "The Oppen?" he should, "She is the Oppen!"

Elsine and I lecked at him in surprise, and then at in the mose. The man by the door knot in front of

"Our Queen !" he said breadblendy. "You have come hack to un. I am your priced. You have come to give un hack the Great Pire."

Elsine touched his head, method in heavy for, with a gesture of pity. I shivered, stamping my frozen feet

"Feer fellow," Einine said, "he really believes I are

"I haven" I said with difficulty, "but on the other hand Fry nearly frozen. We haven't time to exclain I added, pulling open the door, "and I'll follow you."

Elaine climbed into the selds, resting on my arm. I

"Walt," the little print cried in a frightened voice, "you sen't ?" He turned to the other little men. "He's

He moved as if to leap upon me, but I preced the button of the tube, pointing it at the ground between feet, and steam rose shout his lens. He leaned here

"You san't stop me," I said. "Mayhe, before long, "You can't stop me," I shot. "Maybe, before I we'll come back again. But we're got to zo nov."

"I'm sarry," I said, turning toward the door,

Suddenly, his hands before his face, in fear and depperation, the priori leaped at me with a cry. I gianced culckly at the others. They were standing back, afraid

I didn't want to hurt the little man. I had meant to use the tube, but it was a sickening weapon-I was afraid of it myself. While I hesitated, the priort here upward. He was amaningly strong. Before I understeed what was huppening, the tube had fallen from

With all my strength, I grashed my free fat into the uricat's face. His grip loosened, and he fell back into

Leaping into the cohin, I slammed the door behind gishly, and one of the little man, clinging to the side, "Ahm!" any said. "Are you all right? Can you

I notical, and pointed to the year of the rahin.

"Then are more elether back there," I panted. *Get

Rousing myself, I leaned forward and moved the controls. The ship moved ahead, swinging west and south toward the illiness river. Then I planned down at the utflags we were leaving. The little man about in a dejected group, staring after us with sorrowful faces. The pricet was bending ever, picking up some anall chiect from the snow. While I watched, he exemfifted it. It was the disintegrating take. He pointed

and comparatively weak. Designed originally for use atone and matel-not suddenly and cleanly, like a knife, but gradually, like a chizel. Its chief virtue was Ha

The priest was not adept with it. And, too, the ship by that time was hardly a good target. After a few it went away. After awhile it came back. For some mitutes, while we left the village further and further

I had no way of judging whether the tube had damaged the ship materially. The bottom was made of a strong metal, but I was unfainifiar with its design,

Elains brought me the clothen, and I put them on. It was getting dark outside, and beginning to anow the ship to use all its power in taking us south as seen an possible. Already the cold and the darkness of the North were wearing on my nerves. Elaine out in my chair, and I sat beside her on the floor, my arms about

T must have been well over an hour before Elaine Illitrate and I changed the armon. We had and anthing increased until it was swirling violently about the winin darkness, in a port of long twittight, and condering

There was, suddenly, a sort of grinding sound along the bottom of the ship. We both stiffened, listening. It came again. I yumped up, and glanced at the instru-ment board. Our height was fixed by the automatic stabilizer at a hundred feet. That meant that we should be following the contour of the country (and Elimois was a flat country), rising and falling with it at a continual mean level of a hundred feet above its seneral outlines.

The nound went away. My heart beating violently, raised the ship another hundred fast, and fixed it there The stabilizer was not expected to fail. I peered ou through the windows at the snow, trying to penetrate

"Are we all right, do you think !" Elsine raid,

"I don't know, honey. I suppose on." We listened anatously. Nothing happened for, per haps, twenty minutes. Then the acroping began sgain Our speed had decreased until the finger on the dua atood almost at zero. I was perplosed. I glanced through the windows again, and at that moment the We were harely crooping slotty, almost on the surface

"Elsing ?" I said. "Something has barocord ?" "What is 167"

"The power must be going dead."

We inshed at each other silently. There was nothing

Within another tan minutes the shin had come to reat on the ice. I know nothing about its mechanism An attempt to repair it would be useless. The pricet and managed semchew to damage it with my disks.

For a long while we walled in the twilight of the cubin, wondering what we could do. Gradually the sterm cleaved away again. It was late to the afternoon

"There used to be towns and cities slong this river. dreds of them." Elsine looked at me, ber eyes deep and

"De you suppose we could reach one of them on There are a few natives in all these elties, living among the rules. And the storm has cleared."

"Do you want to fry ?" Elains sold.

"It might be better than sitting here, waiting for our food to give out. Nebedy will come for ma We

"I'll go with you," Elsine said. I kinzed her quickly,

I muched open the eshin door. Our pockets were filled with emperitured food. I leaned down. We rested on The snow was not very deep-most of it had blown

We said nothing more. In a situation of that part what could there be to say that we didn't understand alrendy? Words could only burlesque our devo conas we were together. For, even if that is a foolied and so we were auguster. For, even it that is a mount and pach an Husion with them.

Darkness name none mough. The sky cleared for a httle while just after smart. The stars came out, Later on, there was a frigid, usle more hanging over the low hills. We stumbled along through the dark,

walking with difficulty in our heavy clothes, hand in hand. We were very cold.

We kept on, more and more alcorby, until nearly midnight. Elsins was easily fatigued-the had risen Eterally from her death-bed-and I was already nearly wern out. Elsine stumbled at last, and went down on her kness. I cought her in my arms, and held her

"Can't you go on any longer, Elkine ?" I muttered in the internight; her eyes reaces at me under song lashes beached with ice. Her lips were unable to smile. She whispared, "No, homey."

"Then, we'll rest, .

I laid her down in the stow. She was unconscious I took off one of my costs and made a pillow for her head. The other I suread over her. I lay down, shelin my arms, my face close to her face. But she could not protect me frem the cold. I had only my tunic again, and my shoes and gloves. I closed my eyes very

heard Elaine's voice, but I could not tell what she was saying. Opening my eyes, I new her face dimly in the shadow. Her mouth was speaking to me, close to my car. I knowed her weakly, once more, and then my systclosed again. Darksess gathered in my head, even

Conclusion

WHEN I awolis, there were voices about me. A man seld:

"How are you now, my thildren?" 's voice answered: "Better now, siz."

Efaine's voice answered:

Without surprise, I looked up and saw the man band-

ing over me. It was Kivro, the Mexican evolutor, He smilled with a touch of arony and a touch of tenderaces There were other men in the rorm. Kivro tourhed my forebead, and asid: "He's all right."

tumbled on a pillow. Our hands touthed, under the covers. I whospered: "Darling.

"We'll op away new." Kiree said, his smile feding dia crocily. "There are other things to do."

We looked up at him, unable to speak, while he joined door gently behind him. We were silent for a little while. Then I said: "How did he find us, darling !" "He was curjoon," Eksine murnited. "He wendered

what you were after, so hs followed you." She turged her head to me, with a smile, and added, "It was for the honor of his family."

"On his ship. It's a hig ship."

Elaine said: "Thure's nobody but ourselves left anywhere in the world?"

"Nobady," I and. "Nebady like ourselves. But people

"Yos. And there will be nothing to do, ever, except

Edalno said.

"It's like being a child again "

I nedded. The walls and floor of the little rocer them. I thought of Egypt. The wind whistled beyond a high window over our brads. It was late afternoon:

I whispered, "And you love me?" "Yos." Elsine sold.

The Birth of a New Republic By Miles J. Breuer and Jack Williamson

race of Scientifica. It is thirty years new, since shubb red Jenkins vielted me last at Firserest. In vain 1 tried to paramade the old acout to retile down there and spend bis last days in posce. He showed me a few grains of radium in a leaden tube, whatpered to me so firm as it once had been. Upon scarlet old M'Ob, he went leaping away, into the unknown wilderness be-

other planets has gone forward swiftly. In 2340 an

Meycury, arveral of the larger asteroids, and Juniter ware soon reached, and each has been partially exployed for minerals. In the next twenty years extended have been established on Pallao, and on Califsto, one of Jurcher's moont. And the fleets of wandering ables that frequent the plunctold helt, mining those tiny maker markle of their pracious muteralt, have been the

In the year that I write, an expedition is acting our me that my grandson, another John Adams, who is on fine a young man an I know, is to command one of

I am an old man now-there is no escaping that Loroda and I have lived together for fifty happy years The Firecreat mines are new among the greatest or the most but I have relicabled the measurement of them to my sen. Now, from the emittence of a long



When the Moon Ran Wild

Illustrated by MOREY By A. Hyatt Verrill Author of "Attounding Discoveries of Dr. Mentiroso," "The Bridge of Light," etc.

CHAPTER I

An Unberalded Phenomenon

A get has many advantages, that is, if together with age con relating all only facility of health, and alternight and energy. It enables one to dosorve his from the proper angle, is the proper perpenditive, I might say it to weigh and manure events according to their influence corried invescia long period of time, invited of for the transition.

a must proceed units consistent in rate that whether the second second second second second second second second end of the second mixey matter as baseds. It demonstrations the triviality mixey matter as baseds. It demonstrations the triviality of a second second second second second second second and the second second second second second second and the second se

At the time of the occurrence, of which I write, I was what was then occurrence, of which I write, I was what was then occurrence, or eitherly man. Elforty' I runils to myoad as I think of that terms and what its meant in those days. Barely inky years of ape and "wherty" with the expectation, no, the possibility, of twenty or at meat thirty years of its, provided I met with no actional, no serious illnes.

Not now—after more that two contains how passed next new heated and forefrom the data stars, next more ran, wild, while this year, according to the relation ing of my result, would be 250 minuted of 156 as we have the after two contains and marge at 1 as, 1 and have, 1 and they all the data in 1031 of the old subsets by the 1 was bold upper, and renerfield, as an other 1 and have 1 and have 1 and 1 a

But everything in this world-and for all I know to the contrary in the next as well-is a matter of caston, of habit, of arrivorment and of relativity.

I cannot help thinking--and am personally convinced of the fact--that there was an employent power hads of the whole affair; that it had been blenned and erfered.

TN the open seas the tides are at their mini-I mum and in the constricted bays they rise to maximum heights, but always tides are principally due to the gravitational attraction of the moon. To the casual layman observer. cosmic life is apparently unchanging. Yet, in-Suppose that for some reason, beyond our present scientific knowledge or comprehension, the moon, for instance, should increase its sheed of rotation or its frequency, which would mean of course, that it was coming closer to the carth! Notwithstanding that the world remains certain that such a thing can never happen, it is interesting to figure out, scientifically, of course, the various attendant possibilities with their inevitable dangers and results. When that figuring is done à la Verrill, by Mr. Verrill himself, disappointment must go beyond the bounds of possibility. And it does.

by the Greater from the beginning of time, and was as increation as Fate, and that it was Divine justice that the race, having here all built destroyed, should have been given the bleating of inner and better lives than ever hefer.

And though I am hat pourly fitted for the task and an a most unweelby histrament, who can say that it was not in the Fins for mus to have anywel, where othern fall, to have gone through the whole, in order that I might record my experiences for the benefit of ny fellow men?

Reasoning from a acientific viewpoint, I feel sure it was but a repetition of a cycle in the history of the universe and of our planet and its satellite.

No doubt, in fart, beyond sny possibility of a doubt in my own opinion, each of the recurrent cycles has been aborter and less violent than those preording it. And while I am sure that the same or rather a similar catastropic will be remarked in the data and distant foture, I am equally considered that the next occurrence will be receive built and it has intensity than this last.

Yet even today, notwithstanding the vast advantage we have made in scientific research, we really know very little about the dotory of our planet or about the laws governing the universe.

"Error—we all learn—what stratuly took phase during that historing, running, purchysical occurrance larges as the time "what the motion ran wild." We all know or choiced arous the immediate, far-scratch per entits that followed and were produced by it. But to one knows decipite reasons and theoretic advanced—why it occurred, why (within kitteric timus) it had not happend previously, why it due to continue infinitely, why ite uncontrol algoed most reasons for a neuronal memory of the state of the state of the starte per state yr moment.

According to all accepted theories and supposedly natural laws, as held in 1965, our earth followed (as is held followed for influe access) a double ourse or orbit shout the sur, at the same time rotating upon the own axis.

Moving the the then accepted astronomical and scicing of the second science of the second science of line of the shout are north and accompanied to no use porregy about the sam. A sccceding to these accepted theories the force harmon as "gravitation" keys terr things in phase and in preper relationships, and accenting to the rules of the parts, as ataliabited by science, any absorbing in the second science of the science of the science of the parts, as ataliabited by science, any absorbing in the science of the virtual chaos, the antifications of orderial befores and any two distribution as non exceeding survive.

Yet when the amazing and turnils ovent tools place all of them theorem, these sourceptons, these scientific rules and regulations, these accepted "fasts," were knocked (to use an expression of two centuries ago) bider than a cocked hat.

There was not even a warmlar, a permonition of what was importaine. No entresource, retarding the barrent might after night, detected anything ranks, anything waves in the one of the system or in a special sector even a count, a minimum likely of the system of the bios or hyperbolic that might count of the could be with the more, the surth or any other celestial holy. The entire nurverse append absolutely formul, absolutely multitude, absolutely server, and precisity as it had for workeds exotified.

The phenomenon hunti upon us literally from a clear also, uturity assopeted, witariy unharmided, not even surmised. One moment the earth was retuing smooth, by upon its axis, following its accustomed orbit about the aux, with the more aim, secrets, shoulding its pale, edd lapit upon us; the next moment it second suddenly to ge mail and everything was choos.

Here existy, here verify it result has eventue. I rave an in Ferre as the interpret of the locality indicates on the angue interface the nurface of the world pictor determon, real in company with any wifes and granddamping the same factor and the same of the same damping the same factor and the same factor and any strends, and it is same three thousand days of any and the same factor and the same factor and any strends the same factor and the same factor any strends the same factor and the same factor any strends the same factor and the same factor is same factor and the same factor and the same events in the same factor and the same factor and by the gives of the grid and terms in Ayr, the onetion with its however free horizons to acatify with index scribably brilliant tinth and that transformed the lofty Andean Mountains in the near background to dull-red mesoes that showed kits moltan metal.

On this particular evening the samet was exceptionally gorgeous. It had been, I remember, an unusually hot and sultry day for Pors -- such a day as often pressend an earthquake in the vicinity-and we watched sight below the edge of the sea. Then as I turned for a look at the mountains and the eastern sky. I was surprised to see that instead of fading as the sun sank lower, the lurid light that hathed the mountains and sning. Even before I could call my wife's attention to the phenomenon (though that was unnoceasary, for she, sky over the Andes blased with common, with searlet, with gold, with colors more brilliant, more corrected if an immense, a titame conflagration was taking place hevend the Ander. I was aneethless with worder, with an indefinible terror that caused chills to run over me. I felt my wife groop my arm, our granddaughter cow-I heard the gasping, almost solitong, breath of my wifa. I was aware of a strange, inemplicable bush, of an awaimpiring silence everywhere; a heavy, oppressive, dead details impress themselves upon one's mind when under noticed hordes, thousands, of the black vultures flying readly in a dense cloud across the Jurid sky. And then, of the unknown, as we gazed, a tongue of finme seemed to shoot up to the zenith from the recontain tone. My wife uttered a sharp, blood-curdling scream, the child shricked, yet that deceding about of fire that flamed abree the Andean creat brought sudden relief to my mind, for (so my brain reasoned in the fraction of a second) it explained everything. It was some distant

But the next instant reason seemed to have me. I draw back, tried to shrink away, screamed like a medman. Up from where that finaling light had attreamed hurst a gignith, inconfessont globe, like a rising aun meanifold a hundred times!

"My God ?" I grasped, hoarsely, chokingly. "My God ! The end-"

I did the unstatute grans of ray wide hand roker. bent her utter a index half-supported, program, or leaf two too horriford, too titely possible wide halfterer and new over to pinces of her. My cress all that averal, teerble half of free. Each instant I expected to averal, teerble half of free. Each instant I expected to not its correlating, searing, shrywiding hast. Each instant I expected to not be critics control—the trong conference splits passed overhead.

But nothing happened, nothing, that is, that I expected, I saw the glowing mountains vanish in a cloud of smoke or dust. I saw the toil poplars, the polins, the statisty place bend and away as if with a gale. A hot, dry, withering wind lashed my face and come the awirling dust, the sudden numbing, incredible real-

The dust acted like smoked glass. The damling, blinding hall of fire was transformed to a dull-red globe, and clearly visible upon its surface I naw-even in that brief, almost visionary view-the familiar, an-

What Gaused This Madness?

SOMEHOW-I cannot even now explain why-my intandescent mans was the moon, brought immediate relief. Perhaps my mind was too dased and numbed by the terror and horror of the events to my paralyzing dread of being burned to a crosp by the sun, supposed to be so near at hand, was suddenly dissipated, when I discovered it to be the moon. For so iong had I and everyone become accustomed to regarding the moon as a cold, harmless, innocuous thing, that the idea of its becoming transformed into a flory, dan-

Whitever the gauge, no scorer had I realized that it was the moso-and so distraught was I, that, at the time. I never stooped to think or wonder how it could be the moon or realized the seeming impossibility of the fact-than most of my terror vanished. Also, the plowing orb had by this time passed herord the writh and was well out over the Pacific and growing steadily smaller in the distance. Indeed, had it not been that I actually had witnessed it runking upward from the east, and had not the scorching hot sale still been sworn it was but the sun shining redly through the have of dust that now had spread like a yest, sun-colored fog-hank across the sea. It has taken time for me to describe my thoughts, my sensations, but it must be flicker of an eyelid, one might say. My thoughts, my reactions, my realizations all rushed over me at oncoconfused, jumbled-a chaotic mental storm. Almost coincidentally I realized a dozen different things. I realized with a doll, surphing feeling that my wife, who a few moments before hid been watching the seaset beade ms, exclaining at its beauty, was dead, That the terror impired by the night we had witnessed had been more than her weak heart could bear andsorrow that it was so, that she had been spared the greater horrors, the worse death, which-at the awar almost crazed granddaughter and was-quite meenpolousiz-striving to calu, to resourcher, while at the

What I asy was enough to drive any human being mad. Outward from the shore, roaring with the thunder in the track of that speeding, crazed, fiery moon, and leaving the floor of the sea here, shitting, slive with writhing, flapping, twisting, trawling creatures. For perhaps three seconds I stood there, holding the

child in my arms, headless of the body of my wife strutched at my feet, gating fascinated with horror at that outflowing occurs and the cosy, borrible depths exposed behind it. Then, with a stafder, membran, terrible, micecribable terror, I realized what this catachron pressped. That mad moon, that racing, disnovanized satellite, was dragging the entire Pacific behind it, tidal wave of stupenious, inconceivable proportions And at any moment, any instant, it might-in fact assuredly would-come rushing, roaring, seething back a mighty irresistable wall of water that would burd staelf upon the land, would inundate the country, would bury the valleys, the deserts, the hills, even the lower wine cities, towns, and every vestion of life from the face of the earth within via reach.

Realization of this galvanized me into rudden life. sobhing, terrified child upon the year seat, and drove as I had never driven before, towards the nearby city and my daughter's home. Breken branches, fallen limbs, tangied wires streamd the road, yet I harded the oar through them regardless of such minor dangers. Some ral other vehicles (we make of them collectively as cars) had been upset by the sudden blast of the gale. Paople, torrided, distraught, steno acreations, other the stroots everywhere, and I saw many apparently dead or insured lying where they had fallen.

Only a tithe, only an prinitation parties of these terrified, fear-craned people could be saved from the unoversone on earth would soon perish-yet I felt it my duty to do what I could to waru them of their most imminent peril, and as I persod, I should to them at the top of my bungs: "To the hills! To the mountains!

my meaning. But the majorily were too excited, too everyome with superstitions and real dread, to give heed. To their minds, no doubt, the end of the world had come-as I fait myself was doubtless the case-and like frightaned sheen they miled and erwayled and acreamed as they rushed about, not knowing which way rible fate might dencend upon them.

But it was no time to stop, to argue, to emplain. Self not only myself but my dear ones' hves to mave, if saving were possible. I breathed a prayer of thankfulnon when at last I reached my daughter's house, and dashing in found ber, intensible, prostrated from her to the car. Her husband-I thanked God for that-

I could not do more. I had intended to try to save others, to take others in the car and carry them in rev mad drive into the mountains, but it was impossible. towards me. Had I lingered an instant, I would have been overwhelmed, the vehicle borne under hy the feardriven nob who, too maddened by shoer terror to try to save themsives or to make any effort in their own behalf, any or interined they now safety, astvation in the car, as I dropped the unconscious form of my daughter beside ber child.

Even as it was I barely managed to win clear. As

back and fragged her in, but a minimal take the sprang, whiching, from the car. Twe boys needs forward and found footbild on the rear of the machine, only to be ungged off by either. Borness, secrets randed after any other disease strove to her ear way. Yis, is a firstly like is babit in the human mind that dength their everwhiching target of the sponling car, and a prend the familiar damper of the sponling car, and a prend spin error the knocked down and ground herealth. It wheels.

A MOMENT more and we were free from them. My daughter's house, fortunately, was on the outskirts of the town; only scattered houses and buts lay beyond, and a straight concrete road stretched now dark, yet with a strange, barid glow in the sit, and I was sware rather then saw, that the sky was a dall, horrible red, as though from a far-distant fire. What would he the outcome of this incredible upsetting of the universe I could not surmine. I felt confident, as certain as of anything, that we would all perish. that the tale of life upon parth, if not the earth staelf was near its cad. Yet so strong is the instinct of self reversation that I draw madly, recklessly towards the idea, my one thought to gain the heights, to coosne thundaring in from the west; the one tangible, concervable certain peril that impended. Neither was I the Scores of vehicles were racing along the road, though afoot, on horsehook, astride burros, driving carts-ware of that mob of thousands ever reached their roal. The mountains were milts away, hours were accessary to rear, that irresistible, terrible, stupendous wave was scaring inexemply in from the west, its feaming, thundering creat reared for hundreds of feet above the ocean's bod, and with half the Pacific Ocean behind

From one in that generating an bandy surged. That ordinatored all observes 1. Such at the sensers can adsense that the sensers of the sensers of the sensers and was more than now they must be sensers of the input of one of the sensers. The spin of the themse of the input of one of the sensers of the senser of the sensers of the input of one of the sensers. The spin of the course path, descr. for sensers, the sense and these reacting path descr. for sensers, the sense of the course path, descr. for sensers, without a So transformer and that are not the the base of the meeting the sensers of the senser of the sensers of the sensers of the senser of the sensers of the an instant tray heart correct to coust leading to the sensers processing of the sensers of the sensers of the sensers processing of the sensers of the sensers of the sensers processing of the sensers of the sensers of the sensers processing of the sensers processing of the sensers of the s

when type by a statement, we have a statement of the stat

from sight, and though I know there would be another and another of those incredible, monstreas waves, yet I hoped and prayed that they would be no longer than the first and that en they came sweeping, ranking in across the land, we would be and beyred their reach.

Terminolity the data-to give this sufficient the efficiency of the state of the sta

Into the nervow grow threads which we had entered was pouring an mighty extented to tunking which water loading film maken metal is the racky piper. Abrody proof it was thready and the set of the set board a warting, enthesis, horship making with the set board a warting, enthesis, horship making with a set pip the ready where a moment before, I had been. I hillion I acreamed with terrer. How much further the set of the set of the set of the set overship of the ready working the rack in a travel.

Upward we eitnised. Now the turning of the right found dark against the dy does shead and alow: We were fully three through the taken the right of the construction of the shead the right. Less there we were easily the shead the right of the shead the three were the shead were avoid if rise for nextly three three three principal were reading the for the sean, here three the right principal rise for nextly three three three principal sectors for the shead there.

By thought were interrupted by heating any distribution of the second fraction second second second second second second fractions second second second second second second second fractions second second second second second second fractions second second second second second second second fractions second fractions second secon

As we served the summit of the ridge, I noticed it has graven appreciably lighter, and an with a hashford prove of predictable the Admiphty for having equal to the server of the server of the server equal to a 1 done of the server of the have summit of the monthlin, the extern aly was glowing roop and pairs call. Could it is built or morely have had been apply call. Could it is built or morely have had been apply call. Could it is built or morely have had been apply and the more the prime. What berrich uniform, instancionals that haspened that the sam year sitting these lowers uniform the had happened that the sam year sitting these lowers uniform that is hadful hadful.

was beginning to function ashelv-yet if the sun were rising the earth must have speeded up its rotations. Could that have happened without my realizing it? Could it be possible that the sphere had so increased its revolutions without destroying everything upon it, without hurling everything shout like chaff? But too many incredible, inconceivable events had happened during the past few hours to enable me to find through my broin in the fraction of a mound. Then above the farther isgred summits and snow-corood peaks, a tongue of vivid red shot upward. And even an realization came to me once again, that huge flery moon, not the earth that had increased its speed, that Yet that did not become the danger, did not alter the certain fate to which all life upon earth was decoved The satellits was mear-incredibly near us. It seemed even larger, more terrible than when I had seen it before. Hundled together upon that blesk Andean summit we three watched it with bated choking breaths, too awed to utter a word even to group in terror. Then I nttiend that the surface of the reaking, giveing sphere termoi transch shered. I could see none of these cruters I had recognized before, and with this discovery came wonder that I could gaze at it without being blinded. Certainly--my mind unconsciously rea-It seemed more of an orange, a golden color than blazing red. And then-was I going mad for one the surface of that great globe, I clearly saw the outlines of land-of continents, islands and broad oceans? What did it mean? What had harmaned? Was it the moon or some other planet?

Bodden stimuling comprehension came to me. I was paining at the other side of the mescel I was backing upon that surfaces that source lattices had been seen by human cy-st. The more in the obsidel speed must due to the surface of the surface state of the surface relationsing speed had increased to correspond with the increased orbital paped. It was char as day to me now, And these a great while, a great for garged moline, for the sources, the valuer, were there?

Its color, its fery appearance was optical-the result of atmosphere, of reflected samlight or earthlight or perhaps because of the satellite's meaners.

Yet my hast saks and I folt mathies, called at the hought. How cold that terrible thing must inertiably atrike the earth and end all. Gold her I heted HJ works same describe the hasts, the anger I felt. It had rebed most of my wing, had wipsd cillss from the arthhid distrived hourden's of thousands of human beings. It would bring about the destruction of every Feling they are aarth. Sidviding, argument or my thege to earth. Sidviding, argument or my define human rate. For the moment I must have goes paying mod.

CHAPTER III

In the General Uphcaval

THEN same the caribinate. No world can describe the horner of it. The solid recel reso, haved, allikewid. We wave based about, barded to the sorth. The momentain peaks assenged turnbling about car hords. Stuppedons evaluations thursdered down the processor resided. Great channe split he received as and exer, and the dash of types monthales, of descending Includies curvileged to its sufficient ing these is the steep stackness we growthic, durge with furgers is the steep growth, shrinked is manifest larger to the abergipdimet. Silvases an avail as the iterrith madestag dim of an instant before. It was as if the work had noted Three was the states of states instant. You we manifest thin summit, perhaps—1 should not at the threach—the only liture, human before remaining upon card).

And even we seemed actrealy to be allow. All action, us by that fearful convulsion of nature, and we conared there, wids-eyed, dumb, moticaless, tensed, waitour douths. It was the shild who broke the srell, complaining fretfilly that the was thirsty. Somehow that was, small voice, that familiar sound brought us back to earth and to senses and life with a jack. And as if awaited, once again the familiar sounds of the world were resumed. A linerd runhed with a scottling noise scross the rocks. A cactus wren trilled sleepily. A burrowing owl attered a plaintive beet. Some invest to our ears, and the air was filled with the faint, simost insolible, inexplicable night sounds of the moontain beights. A strange, amering reaction swept over me. No longer did I feel tarrified, dated, tranbling so notreal, so natural. Even the night had lost that Aside from a strange, beavy, humid feel in the still air-the hot, stearning feel of the tronic implicawhere it should have been arisp, and, invigorating at those beights, there was no sight, no sound, no indimoon, the universe, were not following their ordinary accustomed sourses. Only our presence there upon the mountain top, my drughter and granddaughter there alone with me bealds the car, convinced me that it had

I rose. "I'll get yon a drink, Chiquita," I said. I want to the car, iscured the thermos flack invariably in Itfor in a waterlass, desert country one never travels without water-and returned with it to the child.

Her nother also drack. But nors of us spokman draw and the state of the spokdargaters as it did her of her methods is detty draphy and hourse for all the knowneds who must have periods minerally. Then: "Thank Gol, Frank may be safe" the add, "Gan we-Os, Dad, do you think we can reach him" He should be at Known. Do "Strengthe full surgestances if same of the "Proceeding of the state of the should be at the same the "Strengthe full surgestances" if same of the "Pro-

"From the tidal waves-yes,"I sammed her. "Rinners is over ten thousand fost shows the sea. But, of coarsys, no one can now what may have happened during that sarthquaks. But I feel aure be's all right. Comol We're washing time. We must be getting on. We must result atoms form or willage where we can secure food and then rush on the Rinner. I"

"Est, but-" she shuddered and clutched my sem convulsively, gluncing mervously at the sky as she spole-"that-that awful thing, that blasing-"

The meet, 100 Å er, "divir you know. The meen has gone wild-bas fown out of its owit, But boryet. Of source, if it is coming down, if it strikes the author authorized bas but has were in its strikes the bas result. A strike the strike strike the bas recording. And if it comes no merce, i dor't himk bar secoling. And if it comes no merce, i dor't himk surthing wome will encou has abready has gocarred." We seek dimitting into the next $^{-1}$ k 1 boot at 1 $^{-1}$ constraints, and 1 more structure in the sector of a water entropy of the sector of the secto

I started the cor.

"Oh, but S's too terrible, too awful to think of the pour people! To think that thousands-millions-must bave bean killed?" she cried in anguished tenes.

"The, yes, dear," I conform in arguined cones. "The, yes, dear," I comforted her. "Bit perhaps the loss of life was not to great as we imagine. And we must be thushful—must give thanks to God—bits we are axwed from noch a fait. No doubt thumands of ethem also encoued. Devit—"

I BROUGHT the car to a joiling step in the nick of time. Amount motor our wheat the road workshed in a yawming hash chasm. Our way was barred. The scribustic head split the meantion adde from top to bottom and where once the road had bace was only abyrmal states and riven scored, editatord rock.

I descended from the vehicle and peered about, but it was impossible to make out anything in the dark-

"Borth iss frightands nor disconrangel?" I table, an returned to the now unables set. "When displicat comes well be able to first a traff or an old read—the arcteria hours read upon very next bired." The arc is the hours bender of the set of the set of the set of the hours bender of the set of the set. And we will table league, tout if it's slow, it well to be set. Set of the league, tout if the slow, it well to set. Set of the league, tout if the slow, it well to be set. And we is a star in the set of the set. And we is a star in the set of the set of the set of the set. And we is a star in the set of the set of the set. And we is a star in the set of the set

"The vector stopped on the Vipe at a provised forcefield hought speed (here provided). If the right, if it not phase is the vector realizing of from the start is the rel phase would come realizing of from the south atomic start of the start of the start of the start atomic start of the start of the start of the start atomic start of the start of the start of the start of the attractore, I could not forware participate, each are plates stores introlling to the phase in realistic, which is the larged-intervent product the start of the start of the plates stores in the start of the start of the start of the plates stores in the start of the start of the start of the plates stores in the start of the start is and the start of the store is the start of the start of the start of the store of the start of the start of the start of the start of the store of the start of the start of the start of the start of the store of the start of the start of the start of the start of the store of the start of the start of the start of the start of the store of the start of the start of the start of the start of the store of the start of the store of the start of the start of the start of the start of the store of the start of

We had not long to walt. Again the enstern sky glowed and glowmed with colves that at mother time and under normal circumstances weakl have been aveimpriring in their geogeneousness. Once again that jembent binnar their to the scalin like a fary kerakl, and once more like a redshot cannon ball fired from a thtatic gran, the moon secured having from behind the monitains into the sky. But the time-despite corability—we covered with terres-dilied gran. Fram sight, it is excluded based on the stress of the stress of the it works of the sourcell is fitted, because a futur rose. With a tast I realised that day develot, that the sity was plitt and than—Gold here where it second—the sum Way rating in all the spherodre it the easy, the same dot Way training in all the spherodre is the easy, the same dot body the tway core used lite.

Works curront supress the relief we field, the conducts flat we indicated by us as the should perturb does flat we indicated by us as the should be the trading pathent is the forwards: Figure 4 deg, and it is the statistic relies as the forwards of the statistic the statistic relies a state of the statistic relies of the statistic relies in the statistic relies of the statistic relies in the statistic relies of the statistic statistic relies as the statistic relies of the statistic relies of the statistic relies of the statistic statistic relies of the statistic relies of the statistic statistic relies of the statistic relies of the statistic packy indicative the pack interval flat deliverge, and a statistic relies of the statistic relies of the statistic packy indicative the pack interval flat deliverge.

We have little treatile finding the trill, frame pithe deverywhere for every difference. Set all, Larsev, joi eventrasily to the accivant Loran road, and though the elithicity was been developed and the set of the domainal with perspiration, yet is time we topped the domainal with perspiration, yet is time we topped the My only four was that ft, too, had been discrepted and mode improvable by the cardinama.

In places it had been injured; cracles yawned in it. and in one spot a landslide had swept it away, yet we managed to find a way around the obstacles, and an hour later came to the hitle village that I know, lay tucked into a tiny valley on the further side of the range. But the place was silent, descried. The buts of stone and thatch were vacant, empty. The Indiana taken to the bills. But that made little difference to They had departed in basis and plenty of food---dried mest, corn, fruits, heriev and potatoes had been lift habled. And to my delight them ware hurren grazing in the seanty herhoge of a tiny terraced billside nastero, and in a corral a bend of llamas was gathered, gaoing at us with superclinous scremity, and as unmoved by the terrifying occurrences that had all their memotional lives.

We do not reach, all host how we as had only one constraints of the second second second second second second balance and the second second second second second second balance and the second ki8 wild birds and animals to supply us with fresh ment feed. All these things and many others I period upon the backs of the Bamas, retaining the donkeys for our own and.

A^S I wandared shout through the village, I might have been-in fact for all I knew I was-the only man left upon earth, yet so normal did everything the lismes and donkeys, the vegetation, the blue sky, the glaciers on the peaks-that I could not force my had occurred, even though I had been an eve-witness of it. Environment is, as I have observed, one of the greatest, if not the greatest, factor in governing men's lives in actions, and my environment in that Anders precisely what it would have been under ordinary confitions. No. I must qualify that statement. Ordinarily it. would have been cool, freeb even at midday at that altitude. Now it was but, trenically hot, with a strange heaviness in the sir, and so I glamoid at the gladlers and snowcaroed peaks, I noticed that innumerable streams of countless area malted and dissolved under the abwater and the ercolon of those newly formed streams, great magaze of ice and snow would be dislocated and would come thundering down in avalanches. That this unusual heat was the direct result of the moon's wild antics I know, but I could not reason why it should be no. The moon, I felt assured, was not hot-at least not a molten nor fery mass-and I reasoned that if the tion through our outer atmosphere, then that same formate. Not wetil long afterwards did I leave the wards-until years http://did we harn of the trus state of affairs, the inconceivable alterations that had taken place upon our earth, and of the peimaginable effects brought on by the moon's mad prenks.

But, as it is necessary that some of three be known, if for the botter understanding of my readers, I will briefly mention some of the more innortant matters,

The served that is more that instituted for models that is a set of the server the set of the seto

But it was safe to say that fully one half of these

and fully one-half of their inhabitants were destroyed by the terrific earthquakes. Had it not been for the survival of these members of our race, these inconadderable numbers of cultured, civilized massie (I was about to say superior, but we know now that there as zo "superior" ruce, that all, if given the same empoytunities would be equal) the physit of humanity would have been hopeless, man never could have faced and would have reverted to what we then called anyagery have been exterminated, for a large portion-at least thousand five-hundred foot level, were barbarcus, uncultured, hostile, cruel, orimitiya and nomadic recolewould have jost what little culture they pessensed and terrible changes that were brought shout, thus leaving the earth devoid of human life. But fortunately for our tories, and countless other accessories of civilization and learning-were beyond reach of the devastating reach of those tides so that in due time the various with one another, though not for years-generationsonce more become same and had settled into its accustomed course and men were caughle of moving towards on earth and see. If you, my readers, will examine one of the maps showing the surface of the world in those ancient days, and will compare it with one of our world of today, you may realize the transformation that was produced. But to us it was sven more marvelone. more amazing, more incredible. The irrelatible ways and washed away desorts, plains, velleys and hills Wherever there wers large rivers the tides rushed inland along their beds, transforming the streams to great troughs in the surface of the land. And as each of the it had wrested from the land and deposited it elsewhere st times on the bottom of the occurs, at other times in distant spots on the shore. Also as the lower lands were washed and torn away by the incoming create of the error ways, they were transformed into great how like depressions that, filled with water, hesame immense estuaries, guilts, have and inland seas.

MOTIFI of what was this Errors there had here the arroy of which forms no forwing the start the press present of the world and the start of war the press present of the world and the start of war outputs and the start of the start of the start of the tidal wave analyzes resisted down the two but A for tidal wave analyzes resisted down the two but A for the press of the start has an above the start of the start of the start has an above the start of the start of the start has an above the start of the start of the start has an above the start of fifty miles in width, transforming Italy into an archipelage of low inlands rising in spots to lofty volcano that wast land called Russin, with its teaming millions, whose warned minds and views had threatsned the peace submerged, and, with the highlands that remained, of sait Isles. China, the sent of the yellow men, was much the same. Between what had once been Soels, toined by a mance of hills and dunce, while eastward, more estuary of the Indian Ocean. In northern Africa as the Sahara, but this had become a portion of the ocean. In the wostern hemisphere the changes were as great, if not grastar. Of that richest of the world's autome-the United States-little ramsined. A long marking the former Alleghany Mountains and rising above yast mud-flats, have at low tide. West of where the great Ministerred River had once flowed was a vast marsh with great inland seas and salt lakes stretching to the Rocky Mountains. Southward land no longer separated the eastern and the western cesans, for only upjutting, rocky peaks of desolate islands, and the sawto the riders of the higher mountains rose show the ses. Of all the fair islands that once had dotted the that once mightlest of rivers, the Amazan-had siled slopes of the Andes, had none rushing, roaring back, following the low lands, the river valleys, only to be met half way hy another and another incoming tidal ways. The maolstrem created had scenared fathomiase South America an unrecognizable ocean dotted with new inkinds, some of continental size. Only the mighty Andes had remained but little altered; but even they remained, not as a mountain chain rising above demats and jungles, but as a narrow, jofty penintuin-like the backbone of some gigantic monster-stretching for with this isaring away of the land for millions of equars miles in some places, immente new lands had aritan alsowhere. Much of the detritus, to be sure, was deep henceth the sea. Areas that before had been many miles in depth had been filled until they were shoals, and in other spots huge islands-small conislands, not too far distant from the mainland, had they formed integral portions of the neighboring contizents. All of these transformations of the surface climates everywhere. But in addition, the great occas currents had been completel yaltered. That known in my youth as the Gulf Stream-a vest warm constit current that flowed northward along the centern coart no barrier for the ever-westward flowing equatorial

Another great current, known as the Humholt, that earthof the cold waters of the Antarotic neethward off the western coast of South America, had here diverted and toxi in the mid-parific, while the increased tenuer-

By this time, the areas of land and water had become fixed, fully established, the new ocean currents had nottied into definite orurses, and vegetation, as well as animal life, adapted to the altered conditions had been as it had been previously, would have throught it always had been as it now was. By that time, too, the longer run wild. While it still remained far master the earth than formerly-barrely ninety thousand miles up (as it does today) its first mad speed had decreased until it required eighteen hours (18.03786 is approximately exact) for it to make a complete circuit of the earth. As everyone knows this resulted in our new six days (nine months of fifty-four days each) thus doing away with the clumpy arrangements of our ancastors in which the sun days were counted, with the result that their months were of anequal length and an additional day had to be added every four years.

Naturally these changes in our satellits affected the tides, so that today we down our two-hundred-foot tides nermal, although before the moon ran wild a twontyfect tide was considered enermous.

But, as I have said, all this was far in the future, when, on that day, I runnraged through the housei of the deserted mountain village, and packed the itselful things in preparties for our long journey to distant Rinous.

CHAPTER IV

What Is a Superior Race?

THERE is no need to record all the incidents of htt journey. It was no different from any similar journey over the high Andas, barring the greater differilise caused by the results of the earthquake and the lience.

This draws heard that roly a native influe could handle these basics, and after server theore of fulled effects to cantrel them. I was continued that it was quite trave. Thus, quite by acolited, it discovered that the dankys could drive the linear for better than myself. With the longeneous development entries due behavior them, the hearts foil into itse and beauts is orderly in influent mattern has been accurated to rither the acategory as they draw the pack-minute in their raws.

Writtener the manne, we had no more trouble on that prove. Netther eld that would not the anti-quantic autos up a grant deal of difficulty—and nately as much as 1 had faster. Here one thing, we were traceling along a summit or ridge where orthing send thans, solid hasn't and had not been riven or split to any greet toter. Here, and these masses had divected any leave-

ing the trail narrow and rather dangerous, and now and then we came to small cracks. But by picking our way with care and making detourn, we ware little delaved. We slept wherever night found us, in sheltered sullays or on the bare mountainside, for while coverns case of another quake and thus find ourselves hottled up in a cave. Ordinarily we would have andered from at sight the air was warm and balmy and we needed trouble was the rain that fell in a steady penetrating mist, like a dense for, each time the morn raced overselves to the most astounding matters, that, after the first two or three days, we gave but little keed to the great orb which twice every twenty-four hours. came hurthing up from the east. Indeed, I believe, had it not risen, we would rather have missed it and would have felt more troubled at its pro-apbegun to take it as a matter of course, and I noticed that each time it rose it showed a different portion of its surface. When it passed, rushing overhead wastly enlarged of course-with its conters and forbidding desolution; but each morning--- if mecarizecould be called merning-we saw the opposite surface with its continents and sean. Also, I policed-although for the first few days I field to observe the fast-that it arrented a little later each time. Either the ratellite's speed was decreasing, or else it was moving farther away, but as I could see no diminution in its seven (of the ald time) in the evening. I was then at see level and the moon had risen back of the Andes. appeared some approxiable time earlier.

Also, on that East meaning when it had as occurits on the exceeded above reach of the arrival full average. The exceeded above the set of the set of the set of the terms of the set of the set of the set of the set of the terms of the set of

These was another interesting feature of the phosensame, io., of courses in was to one to warry any contrast interesting in the store of the store of the course interesting of attractory, could indexident that the measure store on the store of the store of the mean study dataset than before. If etch mentions the mean study dataset than before. If etch mentions the mean study dataset that before a store of the store interesting was concretely and store of the mean study and and was about every new wasks if the mean study and and was about every new wasks in the bold-mean start data of interest is washing for an indiantor of these datasets. The study data frame concretely and the of the store of the store. The two of datasets is the store of the store of the store. The two of data frame concretely and the order bound of the store of the nearly built of the plant hand lead its world even of sporter of a a chick partly three and partly burninghe pild. Yet it moves became really dark ard did by an inter each more than the second second second second most creatific faultons. Thus he first day it had appeared at T in the evening and against a three is in second sec

T was some time before it dawned upon me that this naturally would be the case if the moto was slowing down, and at the same time I realized that if I had not been terrified half out of my senses. I should setting, if I was to get at any definite decision researding its actions. But it was too hate for that new, and not threaten greater dangers than we had mand and my mind to the more practical and concrete affairs that we faced. Several times we came to villages, but all had been descreted, although in some we found the inhabitants had begun to straggle back. And I was prized--to find that the Indiana, who had (cetensibly at least) been good Christians, had all reverted whelly and openly to their ancestral sun-worship. In the great the offspring of the sun, who was coming to earth and socking a safe landing-place (they had need airplanes kind seeking a landing spot) and they felt positive, as again ruled by an Ince as of old.

I could sourcely himse them for their helief for, after all, their theory to account for the phenomenon was scarcely less credible than to believe that the morn had run wild.

The bolicity beam of the start of the start

saved as several hours had alogaed between the outcubling sea and the returning wave. Brave fellows! They knew their own down was easied, that, cut off freen all the root of the world, with only limited anyphics for a few days, they must soon saccamb to death by sharration.

"Tet to the way end they continued to keep up commutation and to repert all that way calking place. And by the mercat chance their lives were caved at the deverth hure. It happends that an arighter had been partly weeked in making a decessi or the high plateau or poses a few millen from Riscon, and learned of the hight of the star hads multi matter, they become detailed and the start of the start of the start design of the start of the start of the start design of the fact they were instruct of fact, would actump the almost univelant limits to resource the macocond more

The Almighty must have guided and protected them. for not only did they make the attempt, but hy a mirucle they succeeded in landing on the rockstrewn slopes of San Pahlo, and with the starving men they had sured, they took off in anfety. They fuel tasks were dry when they reached Rincon, and had they been forced to fly another mile, they would inevitably have been in vain. But theirs was but one of the almost superhuman feats that were accomplished, though at the time we of Rincon knew nothing of them. Scattered throughout Peru and altewhere in the world that while no human beings remained upon the lowiands after these had been swept by the tidal waves, yet there were many isolated communities and even indiable purpose in maintaining a more or less regular communication between the various grouns and comindednitely in their lofty anvironments, were completely cut off from one another. But of course all this took time-weeks, months, years-foy a long period everyadjusting themselves to the new problems, the new life they faced, and to planning for the future; prodependent entirely upon the resources of the highlands, and to protecting themselves from the lawlesaness of their fellow men. But all of this is matter that ebould

As 1 have mostload before, many of the world's resolution harcemental observatories were—for the sale of the elarity of atmosphere—situated at label and the same setup. The solution is things of these consistences. One such institution is things of these consistences. One such institution was near Ransen and from the scientification in theory we here and child of the phenomenon and were informed from the observations. In the lab been formed from the observations.

All agreed that the same of the mass leaving its article was inception. No see had pusced the autility when the audien alternation had occurred. It had almage hasped-leaves is no letter here—here. Its path dening the same had bad green madry raches about surphonts at territo speed. Very possible, same internation desires the same had almost bad green madry makes about surphonts at territo issues. All the same had bad green postent at territo issues that bad green madry makes about surphonts at territo issues that bad green madry makes and desires the same had and another same of the territories into a same same issues and the same point of most lifes are even with some arguments accellent which, when which. That same a collision would not have been reveoled by the fixeh of light, even the complete journdemonsor of the planer, user, they stated, excluded by the biserses of atmosphere on the moon. But at this, other estimities at one remained their compresent, that it was now known that the moon must powers an atmosphere, and, they noted, any was no carr, no new catage or other indication of the collision winthis upon the moon?

To our charght and diguth, the astronames could are not statisticatly regilize. They could proce, could number, could there by the transformed of the distribution of the transformed of the transformed dotted to that the means which proof was determining of the transformed of the transformed of the value. Also, they determined its datament free the determined that is disting the transformed that the water and the distribution of the transformed of the value. This determines are still feared that the earth and anomenous the solutions for the the earth.

Also, the grant annahumer that the share in the provide structure of the structure of the problem of the structure o

Takina all in all, we found that the saturememory and for that matter the other specialitis in various telenoes—were about the most unclose and superflamms of the survivors of our reac. They had so large been accessioned to working our predicms along exhibited lines and to beading all their ackellations and assemptions spar recognized and suparatuly faced two, that we want and first down and oskibilish data had been referring on the additional state of the second endpoint of the statistical-webware, then the longer the conserves, the available is the metallargetic, his main the conserve, the available is the metallargetic, his main particular approach. We user, feed to depend very hardly space have new to they were undertained to the state of the state of the state of the state has been expected to they-the in turning has been into the networks of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state state of the state state of the state

Protop classifier to thisse them even min. Looking the cost case the set of a realize table wave at a "rearbed cost case the set of a realize table wave at a "rearbal loss friends, natifier of a rear one. We wave here in a costant presenting table of near acces. The wave here in a costant presenting table of near acces. The wave here is a costant presenting table of near access. The wave here of a minute and evidentiation and as lossly in nations. The is near the parallel we hash we fid for all reserves to be reart to parallel we hash we fid for all reserves to the rear and realized the hash we fid for all reserves to the rear anomality large. Some of the interval. The other here is the in the loss of reliable wave transmission.

But I are getting shead of my narrative and am digressing. I must go back to those sariisr days when the little, exiled community at Rincon begun to plot and than and duccus mattern in view of the future.

Define smooth, mixed particle of south or to excite the at a matter of energy and the south of the south work of the south of the so

It was an Indian-though to be sure a most unweak and exceptional Indian-who really paved the way for the scentral of our race and our ultimate training.

It was the indicate upon when we had to disputed for travening the normalian and ullimpt the soul, locating suscessingly excitation of the source of the source of the suscessingly excitation of the source of the source of the table of the source of the

If we had accomplished orthing more than to learn the row universally recognized truth in respect to our fellow yster, I fest-after all than years—thet the terrible extatrophe to the world was not in with and perhaps was the best thing that ever happened to morbrid.

We at Rincon numbered-Indiam and others-last

then five hundred all told, and of this number not more than one-half were of the so-called white race. Forin the heart of a rich mining area, and there were abundant food supplies and other necessities in the town. One of our first cares was to organize a sort of viscilance committee (for the native efficials had but to enforce law, order and senitary arrangements, and to take charge of all supplies and see that they were guarded and so apportioned as to last as long as peasthis. Personally I occupied a rather prominent place because of any superjority of intellect or experience, but laterely because I was, as far as known, the only man who had excepted from the lowbands, and also hecourse I was well known throughout the country and "oldest"-how serusing is it to use that term after cenof unbiased and of mature judgment than were the

Our impaction of the arguidte proved that with care we need not first first faming or observations in the star we could plant crops and send provide for the forinstitution. Performing many of the coups of the later of the star of the star of the star of the star the charge is dimension. The makes was even improved we return perturbations, the barity and wheat second on the have suffered, and many fraints and we calculate the instantion of the star of the star of the star of the star method of the star of the star of the star of the star method of the star of the star of the star of the star method of the star of the star of the star of the star of the method of the star of the

Also, by the time, we had sprengistic, we lack harped that multiprotection of Carte et al., mitchart antidepresent of Carte et al., mitchart multiprotection of Carte et al., mitpolety differential by the architection of availables of the parameters of the spectra of the spectra or an et al., we have a spectra of the spectra constant of the parameters of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra constant of the spectra of the spectra of the spectra field of the Andrey, and La. Fras - or nather the how whether is which in a late m-- are spectra of the spec

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Indians and their beliefs, history and dinkets. No, there was one more and even resol important. Lackorthe magnificent character, that handrator of humanity -the lines, (chiki Hausery-when eveny Fring man, werean and child reverse almost like a divisity. Neither must I forget those two hereis mon-Ortywon and Billa, without wisces magnificent courage and sourfice our protect would have been tetative distributed.

But once more I am digreesing. I find it hard, indeed, to adhere to the thread of my take an manories, weet and said, crowd upon my benin, as ottainailing events and trivial happenings obscure the continuity of my thoughts.

So I had better begin once more and, emitting all the results and the duties, the ods (imprimum is it has time but of no real interest new) the thesand and one deals, the duily life, the boyes and fears; in fact, the initiate, monotonous history of the weeks, months and years that followed my arrival at Rinnen, plange at once into those stranger, more dramatic, has known at once info those stranger, more dramatic, has known.

CHAPTER V

The Tree of Life

O NE of the first great changes that we noticed green things were springing up on every side as if by magic. Even upon the highest mountain tops where hore placers and snow masses still remained-plants began to grow at the very edges of the malting ice. Every crevice and createry seemed to opring into life. There was no spot so bare, so barren, so amarently devoid of soil or rosthold, that plants of acros sort did not grow. Masses, maiden-hair and other farms apread rapidly over the rocks, vines began to clamber over the shear precipices; where there were gullers or tiny basins filled with detritus, shrubs and trees shot up mirsculously and began to form dense jungles. And in the high mountain valleys, slong the river hels and on the stony wastes or pemas, rankly juxuriant tropical vegetation rioted. Where the seeds, fact remained that in a wonderfully short time the once bleak Andes were magnificently green and as heavily verdured as the treniss in the old days. And with the vagetable growths came living things-reptiles, insects, strange birds, and cupdrurads. Some were those to which we had become accustomed in the lowiand juncter and had probably escaped destruction by taking to the hills, but fully as many appeared to be new forme we had never before seen, though doubtless they had existed in the remoter unknown portions of the land. many seeds, nuts, fruits and vegetables, which, for all we knew, might be most useful and important to our fives. Yet the one among us who was a betanist--ce supposedly so-could give us little information in regard to the things. Scree, to be sure, he recorded_as did everyone else-but in the case of most he was as much at a loss as any of us. He "thought" this or that might he edible as it was related to some edible species. And he "thought" others were injurious as related that one species of manior was peloonous and a closely out that cashew seeds would take the liming off one's reasted, and I asked bits why he should assume therefore that because can bling was adults or poissonas, a meanly related species should necessarily by the same. He could give no narwer and sarcastically suggested I should bott them out by entire them. To this I rather holly neterial that I weakin't object to trying them on him.

As I had always understood that a monkey could be depended mpon to select adhle from indfile vegetables, and fruits, i set out to compure one of the bests, and after a few tests and trink, desided we eachd depend upon his institut in every case.

As by the line matters in our constrainty, were much the line's model, and it must reach as pre-infration of the set of the line of the line of the line's work of our own-and as 1 had had a pre-infraline's work of our own-and as 1 had had a pre-infrate the undertaking I deviated must first own and constraints of pre-paral models with the set of the the ordering the monthle and had had had been as the constraints of pre-paral models with the set of the

Very often these emicrations took me considerable distances into the mountains, and quite as frequently] came upon isolated villages of Indians who had. I noticed, invariably reverted to their ancient faith and oustome. All, however, were gulet and friendly, and as I sucks their tangue and fell in with their customs. while among them, I got on famously. So, on one trip, as I pushed my way through a dense growth of treeferns and thoray paims filling a narrow cleft in the hills, I was not surprised to hear the distant sounds of music and voices. Exceeding to find a small indian village. I pressed through the last of the jungle and stood transfored. Before me stretched a magnificent. serviced valley which at my first glance I realized was the ideal spot for which I had searched. But it was not the valley with its storking river, its proves of sreat trees, its well-tilled fields, its grazing focks and herds that held my even. Within it was a city-a city hill topped by a great stone temple.

In every detail it was the counterpart of the appient, pre-Incan cities with whose remains I was familiar. cities in rains and deserted. But the city before me was not in rulus and it teened with reords. That local, present-day Indians had taken possession of a prehistoric city was my first thought, although it was so. But my second glunce secured me that these were I stood I could see that. The through that, in a long procession, were moving towards the temple on the mound, were clad, not in the garments of the modern wore the sheet ornate tanics, the full catten trunks, and gold and the turban-like liantus or head-bends. twisted into an ernamental knot above the forehead, all the decorations of centuries long post; and all the women were the equally ancient dresses and costumer of Incan days. What did it mean?

Had by chance stumbled upon that legendary, suppossily mythical hidden city of the Incas? Before I could find a manbal answer to my question the procession had reached the bace of the turnit-meaned. If divided into two columns that holted, one on either side of the wide street, chanting and singing to the music of gaunas (Indian Sutes), drums and herry.

Thus, through the line thus formed, a group of figures pauso, and according the mound, isoth keffer the target doorn. No ascent plane was recoded to tail me they were private of the same, and that the tail, and and finaling percess, was the chief, the king of this of the same transmission of the line of the final condition of the line. It is the same of the final reflection of the line. It is the same to way the influence of the line is the same to way the influence of the line is the same to way the head how to earth, were predicting chains to both head how to earth, were predicting chains to both head how to earth, were predicting chains to both head how to be same the high same along the same to be the production of the same transmission is both

B⁴⁷FIG.1 cmid from a vertice a minute and any analysis of the second secon

No heatility was shown us. The people geneed at un wenderingly, but second friendly, and seeing one whom by his densa I took to be an official of secon cost, I spois to him in Quichus and asked to be conducted to the ruler.

He replied in the same tangue and hed the way to a large store building, at where massive partals steed two strains guards. But Had no needs task permission to order. They means to be awaiting my, and leaving my indicas outside, I stepped through the doerway of the palzes.

(and pander, and an average through the streets I had avoided that the hullEngs wave ancient but had been repaired records within engagestively recent times, and reisonated within engagestively recent times, and planes that it had not been in use for we plane, that it had not been in use for we plane, the bestath its freehold engines and been and the institution of the records of the multitudeed freehold use.

But I had little opportunity to note these fasts. I had entered an inner court or putlo filled with flowers and shrubs, with bright plumaged birds in wicker cages, and with a tolk-white llama standing at one of de.

and with a mac-write intra straining at one stok. Setted upon a bunch covered with progrouss robust was the max I had near upon the temple steps. Though he had instanted his ceremonalis dress and was chad in the rample contume of the other people, his economicaling provides would have identified hum instants. And the erimmer fringe est lovel (a toused) that foil from his blocked lumins over his forcehood, and the result shell. In the lower of the line of the lower of the line of the history of the line of the line of the line of the line of history of the line of the line of the line of the line history of the line formed, preserving block many shares of the line is a start of the line of the line of the line of the line line of the li

In the forwards an parallel regulation that L are provided to the second state of the

The runs who called himself lace Cirkis-Bausey was explaining. "So my licel," he contrast after a motional values. "When ourse again, as foretail, tail opposed unlow 1, the last, numerical my possifrom for and anze and lad been to this city of Antipa that we might been as a limit of Firm my failer, on and might worthing full and old, for the perface yake and might worthing full and old, for the perface yake ones to pass, we can all had it for the perface yake one to pass, we way the second state of the second state of Manow 'eith the Bearhal Case, and who their in the year of Manow New York who in you have your one second

1.4 If a Well waves were in our out a promover and a second se

[&]quot;Character-Literally a slave of hiberards,

[&]quot;Adapa-Donation or Prophecy: "Takangroup-The lass more for their copies, Likenily "The Fact

Character of the Earth "Misson-The lists to the Jacon divince who was in relation argument the domartis in Character and beyond the city for a year and resolv somethilated the anomarter on ULEA.

[&]quot;Many Nan-Levely New Yor cheet the year A.D. 1863.

forming use that he was a young map nearly two centoring the that he was a young much story two tenor was he merely speaking allegorically? My curiosity got the better of me.

I said, "if thy father fought under the relation henner of Manep in the year of Kori-Huayta', how could be he unto thee the ancient prophecy are he died in that far-

The lace smilled. "I wonder not that my lord saks this," be realied. "But my lord is of the race of the the secrets of the Children of the Sun. Yet will I reveal that even this must come to pass. In this hand of Tchuantiouyo, my jord, there grows a true that in the Tree of Life and he who eats of the muts of that tree is blessed with years not given unto other men. Mayhan of Marko Kamk and the death of my uncle, the ince cast years had and during that time."

GASPED. Always that fact to which he referred had been an archeological puttle. All ecications agreed that the old Incan Empire must have coduced for fully two thousand years, and yet, sconnding to Incas and two of those had reigned together. But ifso, that was too intradifile. If, I was shout to say, each I could not believe that. A man might-coose in a -impossible! And what was this ponocose shout the Tres of Lafe, whose nute endowed the eater with abatermally long life? What strange allegorical mrth was this that the ince was relating to me? Of course, it

"And where, O mighty Inca, is this 'Tree of Life !" I naked. "And why, if the people of thy race know of

The Inca amiled and his eyes sourced to search my coul as he gazed fixedly at me. "My lard doubte my words?" he said half-questioningly. "Yet to my paorie -to my fathcon-the great machines that fy through incredible than the Tree of Life to you, my lord. And well that the common people should be equal to the Iteas. And, moreover, this tree bears its life-giving

"But this, my lord, is the year of Passa-Salke" when the Tree of Life will bear its flowsees and its nuts, and I Yot it was faretold, my bord, that with the pauling of the last Inca of the house of Panaka, a man of the and that his coming would be made known by the coming of Inti riding in the sky, and that to him and to his children and his children's shildren should the secret live in peace and should shife torother and should mingle, and that in the end they should be all of one race and should rule the world-are, even beyond the brands of Tahuantisuyo. And now, my lord, those hast come and the prophecy will be fulfilled. So, my lord, unto you shall I show the True of Life and unto this Vallay of Chincana you shall lead those that you rais in Bincon, and peace and happiness shall abide and all shall est of the nuts of the True of Life that all may live long and that their progeny may be great, and so will the prophecy of old be fulfilled, for Inti wearles of strife and war and bettle smong his children."

For a moment I was slient, actually awed, impressed by his words. Still they were, of course, purely alkparisal. All that was of any real moment was the fast munity to this levely valley. No doubt he realized that his small community would gradually disappear-they were not natives of the valley hat had each there with their hereditary monarch when, to their credulous suand they would slip back to their old homes and their old ware.

The Inca was a wise, far-slighted fallow, I could say, He had been in bouch with white men and civilization. was camity between his race and mine, and with white off, more prosperous than by themselves. Yet there were a sumber of mattern that rather pussled me. In the first plane, if these induses had movely carro here because of their religion and their faith in the rearpearance of the sun-god, as they called the moon, how was it that they processed all the costumes, the ousafter all, abould this extremely intelligent and wideing his people and losing his own preatige by having his roos had, for the first time in centuries, an opportunity to regain their freedeen, their former status and to wurship their old gods in their own way without

The heat way, I dealded, was to ask him bluntly

"The mighty Inca does not then fear the Bearded come to this hidden valler they will tread the movie all? Doss he not fear that even he, the inca of the bruss of Panako, will become but a yearsal? Did not the

The Inca sreiled. "As for that, my lord forwats that three years and more have pessed since Inti flamed sould in the sky and that much may be done in that time. And in accent places were stored many thousand pressed his children, should destroy them with his might and should cause the watero of the great sos to

The Barra-Golds, Horse. The Inner year of M21.4.D. With Back-The Orner, Wass Qa., So supress dwarfs of the res line, hippy days in the backet one. Websites the second second second second second second "Pura hilling-Cold piece," The Inner year of appointmently 1288 A.D.

Hal I thought to myzelf, so he knows of the tidalwaves and the havoe.

"And I for rei-" to wrote any "third my brief and its proof will called be and for p proof who remains any structure of the structure of energy of the structure of energy of the structure of th

It is not essential to repeat in detail all the convereations that followed that day or the next or during The Inca told me many though much of the history in his conviction that the moon was the living manifestation of the sun-god. Intl, the officering of the sun moon had vanished, it was natural that she should to her divine sup op what better revel was required? While for a time I could not make movalf believe that myself wordering if there was not comething in stu postcosed marveleos medicinal properties which actually did prolong the areas of human life. After all, I credible, in the story. Many of the medicinal plants in common use at that time alded, indirectly, in the cortain that-unless the Inca was a past master at and apparently without realizing for intending it, ha knew, had taken place from ninety to one hundred and fifty (of the old years) previously. Not only such things as great earthquakes, cclipso, and similar mattere, tales of which might have been hunded down

So, by the time he finally armonneed that he would show me the Tree of Life, I had become almost equvaneed—in my own mind—of the truth of the almost incredible and accordingly prepaterous takes he had bold.

CHAPTER VI

Prophesies Have Come to Pass

O F course, today, we all know of the results that followed. We all know the revelations made to me by the Inca Chuids-Huaray were the literal truth that the Inca was upspectionably the overlated benefactor of the human race who ever lived. And go accordand have we become to living to what, in those days, would have have considered incredible ages, and we are so familiar with the unituated Life Trees and their marvicus fruit, that may increduity or that time no doubt comm as remarkable to my readers of today as the have'r take appeared to me at that time.

Yet I was not proved to increasing a seven states when I at host source of basels that host sources of polihood publy, and paind at the states of polihood search and paind at the states of polihood search with any distribution of the states of the states with any distribution of the states of the states and any states of the states of the states of the monetaly risks, antiogenetic parameter is and indescribable searching. If the states of the states indescribable searching of the states of the states host results are states of the states of the states indescribable searching. If the states of four as parkages And a with Bott come to more, if the states of the states

The second state particular the second state of the second state

I was-bet me see.-speaking of the increduity of others when, having myself partiaken of the frait and having rathered more to carry to those in Rincer, I at last bade forewell to the lase, for a time, and returned to my friends.

And thread sectory and hearing the programmed and sector has been of the sectory and the sector has been on the programmed and prove the sector of the sector has been of the prove of the sector of the sector has been of the sector o

"Perhaps," he had mid, and there was no trace of bitterness nor of disappointment in his tones. "Perlarge siter all, it unions no difference in the sight of our Houvedy Fabber whether ment workly one way or another. We all hold to God in our hour of need and it these people see Him in the neur while was see Him on the Group, who can any which is the hetter or if the imparch and by these who have before the Group are more weissme to Him than these uttered by these who keed before the ann²⁴

But I must be getting old myself, for I seem unable to keep my mind upon my tale but continue to ramble off into personal reministences,

Profers Antonie, as I may, was what we then considered as aged man, and when I told him of the Ince and what he had related to me and of the strange miraculous fruit, the priori mether hunghed, scoffed, nor check his white head in doubit.

"By not" he add, "for nearly three score years and the have I wanded over this hash, and a may wanderings among the forfaser many strange and most iserefilte hitters have it saw. In any yanger day mung of these I strikulet is data, and I grayed that by devided but the cell hash small to its with the rather Rather, I combase, have were many things of which we cellulet and Criticalian new were proven which bus the forfalian new were proven that the form of which we interest and proven that the form of which we interest and proven which have a forfalian year for the provided in the straight to which have a forfalian year for the straight to the straight to which have a for the straight to the straight to the straight to which have a for the straight to which have a for the straight to t

These times have they itsel with on each events have the sense that the two kall works have both a theory. It is not that the two kall works have both the theory the sense it have a set buy the have both the theory the event is have a the two hards. And many there have the set of the hards have the set of the theory of the set of the two hards have the set of the theory of the set of the set of the set of the set bus and the set of the set of the set of the set the set of the set of the set of the set of the set bus and the set of the set bus and the set of the set of the set of the set of the theory of the set of the s

"And is the fruit of this Tree of Life really may more more/out than the holds of the chlorost tree that can deatery the germs of the malarits? It is any more inorgetishis than that the fruit of one tree may persong the span of life while the juice of another can restor herman sites and zerves inscendible to pair? No, no, my coul 1 have no doubts, no dishelike in the lands works.

⁶⁶ AND as I am near the end of the accepted space of human bits, and can kope, so it is row, to live but a few wheet years mere, Lam a most acceleration (if the experiment—for 6 shart? Parks Antonic's opertrains and montel it. "New" Horiz neutrinoid, "yea have that shart is a strain of the second strains of the is all the line of editors for it.

"If I grow no slder, no more feelds, no more centle that I any today, and if I any sill hade and hearing and have not healan any needs or succembed to none making in a durant or printing of the ary search in the star in the start of the start of the start of the mynterious palme. But, my saw, if the two hears but ores in a seture, I face three will be dive of the lowing with will be after to avail thermelyee of the lowing site will be after to avail thermelyee of the lowlevel of the start of the start of the low of the low-start of the low of the start of the low of the low of the low of the low of the start of the low of th survive of this present community. And you will be trobbed of the pleasance of asympty 1 tod you soft. So, my non, if I wave you, I would use every effort to propagate the trees, to so cultivate them that—would feasible hears but tonce in a contury—always there will be stree in frait. And in order that those who ould than not be forced to wait another bushed years for their turn, why not pneares what fruits are upon the trees today?"

Of course, as not invove, good, (oby, old Pasier Antonio constants) to live on experiently our a day (ider, and) expected it to be pausible to live. Fuil itory facfore as had tous proved constrainty the track of the last's task everywas had been coverised of the preparities of the original field of the track of the last's task of them—Handb in Folder Antonioti for trackets task postfort that a supply of the frusts should be preserved, for—incredible as it may next task, when the track are corrywhere—there is any gaparently but one of the word.

Monthly were required to move the new, warms and follow for the finant to the hand's valley. It was a long difficult journey, for, in addition to the people, we immediate a second state of the second state of the even took the radio before that and been carried piecemed to Chinesen and was again in generation—the there have a second state of the have a second state of the second st

Hind it not been for the aid of the lines and his people. I four its underking more could have been atternpliked. But were the lines foot that the ancient probery was being fulfilled and hat it was decreed by the point that we should share this valley, he did coverblin in this power to footlist ar notices. If it tructed association for the footlist is an other than the coverblin in the power to footlist and to reach the tructed association for the bind in a blue and variants.

Over the stress set allocated, and the was for a burger of them is themes, where the distance of the stress weekless themes, the stress weekless the stress set and the stress burgers and the stress set and the stress set and the stress responses from an advance of the stress set and the stress of main listics prompt approximation of the stress methods and the stress set and the stress set and the stress results are stress sets and the stress set and the stress methods and the stress set and the stress set and the stress results are stress sets and the stress set and the stress results are stress sets and the stress set and the stress results are stress sets and the stress set and the stress results are stress and the stress are attributed to the stress sets the stress sets and the stress results are stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress of the stress and the stress are attributed to the stress attress are attributed

One difficulty that I—as well as obsers—had frazed, had been estitled. Always religion becomed quarters difficulties, were opto registers in many eldership prosent of the second second second second second second with each treation. So with Parket Antenia end the fraze of the table of the second frazed second frazed that energy period match is done the second frazed that every period match is done were high and hallows on her or the threat fit and the observable and hallows on her or the threat fit and the done had been as frazed period with fit and drawing sould had hallows on her or the threat fit and the had been as the second period of the Gabalit Charles, yet convincion and there of hill charles, and is had be able preach a simple form of the Christian fulfi, thut would serve equily will for this or dreve year. And of his own assort he dekired that is and arreated in the christian of the server in the server in the features. Bo there, in the quiet pescelul valige, this targing of the awayed and the target of the Christian gold stode offs by 30% and near worklaged in sittler an bey near fit or workload and worklaged of the Christian one and diverging lists that simple, sublime and were definite and worklaged lists that imple, sublime and were definite listing in the pare takets.

It was after we had become firmly established in the valley and had become organized and settled with our own little government, of which the Ince unanimously had been chosen the ruler, that we made our first trip to the lowlands. Not since those first overhad any one left the mountain heights. Yet over us had gradually come a curiosity, a desire to learn what to the stricken areas. It was a fearful yourney through we came in sight of what had ence been the coastal lands, we found it a vast, fotid miasmic swamp, a tersome terpasts and wolfles, with grast repaient crabs. extending to the verge of the stinking, allow mud-fats tide. And everywhere hung that sticky, yellowish blanket of dense for that lay like a roll ever all the earth and sea. Never had I seen such a tangle, such a mate, such a tarrible mate of riotaus versitation. In vines, there bushes and a multitude of shruhs, foras, homas (wild vizes), weeds, brambles and what not Many, if not all, were new to me. Never in all my it must have appeared in past geological ages, in the mental comparison was nothing short of the actual facts, and that our planet, or such pertient of it as remained above water, had, through the increased tempersture and hemidity, slipped back, as one might say for millions of years and that we survivors of humanity the name conditions that had existed when the world

Though she had been hedly huffeted and was sed some day once more aftest and of thus having means of veraging over seen, of visiting other lands, determining if other colonics of human beings still surwived, and if so of succeeting them or joining forces. But I realized that, even were it an engineering possirears to accomplish. It was a dream of the future, put for the present the bulk proved of great value to us Her hold was still filled with cargo and while much had rotted or had long since hern transformed to rusta metal silmy slutce and unrecognizable detritus, work was still in serviceable condition, much could be salto have iron and steel tools, implements and machines. woar out eventually and without coel and a supply of iron we could not have to replace them. And with could we would be able to small copper and other matals as well. Indeed, the discovery of this store led me to deher my roturn to the valley and to snand several weeks have been worked up by the rea when it had murd even the wharves, the docks, the neval starss and the seal our needs until we had our own mines. But in this search we came upon great numbers of barrels of off. center of wine, punchecon of sugar and the wreckage of machinery, of railway carriages and of other valuable

FINALLY, quite satisfied with what we had accomfinished, we returned in safety to the valley, and first and beautiful indeed dot is appear after those wooks in the dismal, for-through positionital average junction of the lowing of

The matters had not gone well in the valley, and while We had been absort, aur people had been tragging frontially against the dampers had had beast them and had attacked them both from the sky and from the worth.

Out of the heavens had come great awarms of gigantie locusts devouring every green thing that lay in their path, and leaving in their wake a greathe of have. passed across the land. Madly our people had bettled very lives, and that had cost years of labor, fighting the winged for with fire and smoke, until at last, with half had more on their way. And constantly, daily, housing in fuch there was the mandem, rever, redian battle with the jungle growths that seemed determined to overwhelm the valley and transform it late a wilderness. Yet were we far better off than others who, an we harned he our radio-balegraph, ware striving to live and to regain comething of their old time status and to increase and to maintain obviligation in the midet of the wilderness. Some had been attacked by vast border of rate, others had been overran with somies of giant crube, and others still by swagens of nonlous insects or

Yet all were attli holding their own-ting groups of herein reas and women holding a scientist, pittless, destructive Nature that seemed determined to leave no eivilized human heleng group an earth that, finalf, had gone heak to choose. Often in our hiszkent, much hopelans heren. I woniered if it were worth while, if it would both is easier, hetter to alandon all our efforts to remain civiliand bings, and never regun our formernetus and advancements [1] fit would out he as well for househease and the humanity availability long enturies of alow pregness of grouping and of evolution, and fullewirts Nature's example, burners due satura of maintenia is these dim and distant ages when sering the avays mon.

Yet there were but passing thoughts shared with me by others, and never for a moment did we falter; never did we think seriously of admitting defeat. Despite every thetacle, every sethods, every new problem that arcee to confront us, and despite all odds, we should increased; we improved, and we retained all that had heen our heritage when the calumity had come apon and taught our youth ... for we now had schools and other institutions-there was much that was known to had never dreamed. It was the Incs, too, who first gave to us our new calandar, basing it upon the ancient maintain with its tribunal of Wase Men, fit Court of Rights, its Inco's Council and its simple yet just laws. And while for a susce we had troubles at times with those who would do wrong and injurs others and would not obey the rules and laws, yet by foreing these to from others, in time all became low-abiding and orderly. that I may hetter relate have been forgetten and are

CHAPTER VII

The Misguided Ones

But it made no great difference to us whence or how the Misgurdad Omes came. They appeared to no suddenly, unbreaded, as the hordes of locusts had appeared, and scenningly as aumerous and for more burrhie.

One monitory as wareverse has not steep torrain. One monitor we were dwarfling in our pacceful value, tilling our fields, tending our flocks, touching our children, earrying on our accustomed tasks and durins. The next moment wild, demonitoral yells areas, and a berds of horefully evil, howas mon, hairy, michagen, heetial berned discription, andred as anno, were norm in. Unarmed-for we had no reason to agent situationreprotant, satural over the grant valier, our people work at the mergy of the little specific creatures. With while foring the forth spect these correct is to the implicition of the state of the state of the state of the little state of the state of the state of the state having in the fails, iteriling with their ethol, thereing the state of the state state of the state state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state of the state of the state of the state state of the state state of the state of

This they very averagery, here deronizant force, do find that root. The Lab car one advanced for the theory of the theory of the Lab car one advanced by the theory is war, many work warrow. Wromen and thillers where were also to also any do the their basess doesn't be the men miller, emely gathered textures and were, which are the theory of the derivation of the theory of the revenues of the laboration beings. In a subscription of the derivation of the theory of the theory of the derivation beings. In a subscription of the derivation beings, the astrongening to bless. One, to be, three, I saw that has the mental the subscription of the derivation base is not the mental theory and the theory to the theory the three methan and the theory to the theory the will shoke a real, envalued that heads to enthry, and the will shoke a real, envalued that heads to enthry, and the will shoke a real, envalued that heads to enthry, and the will shoke a real envalued that heads to enthry, and the real environment of the theory the theory theory the structure of the derivation of the theory the theory theory the structure of the derivation of the derivation of the structure of the derivation of the theory the structure of the derivation of the structure of the derivation of the derivation of the structure of the derivation of the derivation of the derivation of the structure of the derivation of the derivat

Yet to one could through over lowers. Catalact potents by counter, but fit is the fatting to potent by counter, but fit is the fatting to be strengthen the fatting to the strength of the strength hala reveal through the metalance that upon hala lowed through the strength of the strength of the balance strength halo with a strength of the strength halo and the strength of the strength of the strength and the strength of the strength or ender the strength of the strength of the strength of the ore main a strength of the st

Rafs! Befe from the clubs, the missiles of the demons In human form, yos. But trapped, surrounded by the terrible beings who normal act to heed wounds nor death, as long as they could destroy.

But, howing no and not have swappened in his V Mure of Chinara, where will wan parential and shad (as we blought) more weather and to need of preducing more strained by the strained of the strained of the strained to precise (non-lastic heat have and created any) be precised (non-lastic heat have and created any) be to precise (non-lastic heat have and created any) maintain senseme, which would regime the and could not be accompliable without for heating at the precise hard heat have a strained any strained and the sality have more those some of the wappened of the sality hard heat have a strained any strained of the sality hard heat hard in the initiality in Actings, wherein the sality at a strained program—loss in initiality of the sality of the 11 at leasants program—loss in initiality of the sality of the 11 at leasants program—loss in initiality of the sality of the 11 at leasants program—loss in initiality of the sality and other articles...that had been brought from Rincom and were not in use. Yet a number of the energy were between us and the building, so that even knowing the waspens to be there we could not secure them.

 \mathbf{I}^T was thus that the Insta's non-cone forward and and values of the order of the themselves upon the fermionike creatures in an kernic strength to clear the set of the strength of the

These is the photon series of the photon set of

The next messant the little group variabled within the building, and instaturi, from every sink, handleds of the modelnued, coreaning, harright fully energy energy trues cours runking to the scene of build. With densitials give they three withermodeus upon the doub holds, upon to still living vanished most, building these doub is single, multiking these, will we sistened with the numesting hourse of it.

Bivity the minime passed at the disbilital energy of the terrates contribution. This makes the first history for the terrates contribution of the start of the start of the hashest of stores at a terrative start of the of the hashest of stores, and as of energy first start and wounded by the guidney, the others, regulited, pandynal with inspiritions cits, noted matissians or three theory actives appoint the facts and the blood and business actives appoint the facts and the blood and business actives appoint the facts and the blood and business devines, dappin and appin the maximum start fact facts and and the supervises based and facts

We find the dip wave ands, but there were knowned to the the coupler exciton, in the solution darms, the provide the solution of the solution

It seemed hopehas to think of saving these of our people who were than our off and surrounded. And then, at our darkest memory, same under light, the light of inspiration from ano of our man. Arong other things that we had krought from Rinson was the artplane which, as I have already document, had been the memory of surjust be lives of the radio encreatives at San Pables. It was of no value to us, for we had very little foul and these were no spots in that jumph-covered country where the machine might land, yet the young man who had been in charge of the machine had kept it carefully protocold and is perfect condition through the months and yeare that we had heen in the walky.

And new, suddenly, a strange, throbbing sound came the existence of the machine, and no one could imagine why, after all this turns, it had come suddenly to life. up there believe they could summon aid? Did they have some wild bles of rescuing some of our namle by manns of their machine? Or were they deserting un taking this means of gotting away from the valley and were answered. With the speed of an arrow the great machine dove, plunged towards the earth. Sharu into crash to carth, to destroy the lives of two more of our all teo few recold. Then, while with hatad breath we listened for the rending sound of its destruction, it turned, and with a roar of thunder from its meters it swooped straight at the horde of savages who, trantof the machine. Madly, franticelly the terrible creatures who were feariest of death in buttle, who had denice from the skies swept upon them. Crowding, milling, mady debting one snother, they strove to escene and straight into that strangling, southing mob the machine tore with irresistible force. A red haze half hid its whirring propulars, wings and body memod and donly minted red, and with a fip of its great metal tail, that killed a dozen savages at a single blow, the

Way it was not weeked, distibuted in that mad shares first the match assumes in baryont may comprehension. When the matchine came to next and the two young weak the matchine came to next and the without has there in the start of the start of the start of the lower acyclect is curvive, that the starts of the start there and the start weeked when its planned fields we have a start of the start of the start of the start explosion of 164 ford and the first that starts follow of the storeges.

But the state range was model, as the should be early the state of the state state

convolutions unters rashed upon thrm, and their women, hurdened with children and weaker and slower than the men, had all, or nearly all, perished. Only the room ward left and having found our valley and seen that women were there, they had come swarming in determined to destroy the men and take the women for themselves. We all abuddered and gave foreant thanks to the Almighty, realound how nearly they had and those of the Incs, had it not been for our longdistand firearms and had it not been for the smoldal, have been laid waste, our men buichared and our women

And though we felt confident that the creatures would not at once return, that for the time being we were safe from their stincks, yet we fully realized that we feel really secure and that we must be prepared for hattle at any time and must be constantly on guard. continually on the short, to protect currelyes, our women

But first there were most repulsively heavible mattern to be attended to. There were hundreds of dead, mutialready flocks of great broad-winged vultures were sircling overhead, winged ghouls, seeking a chance to

So for hours we labored, digging deep trenches in was no shastly reminder of the earnage that had been

Not until this repulsive duty had been accomplished, did we crate our labors. Then, having authored the should reargear, we rought well deserved yest. Lattle close at hand; that allout, awful terror that stalked through the night, and whose montersour ghostly ent from to blanch and the most matter-of-fast minds to be filled with noubracking, superstituent terror.

CHAPTER VIII

A New and More Terrible Menace

N 0 sharm was given by the sentries, nothing dismorning, men who had gone forth to garner their crops and till the fields came racing back, wildored, white with terms and thenting inscherently. Our fast throughts were that the Misguided Ones had returned, that the men had come upon them in the valley. Rot when the fellows had calmed themselves. sufficiently to speak intelligibly, the tale they told

Passing near some of the trenches wherein we had hursed the bodies of our stain cremies, the men had while not a truce of the cornece could be seen! Then, at they had stool, filled with vante wordering dread, feet mars than a yard in length and of hands half a rand across the paims, with forever slobbern inches in length and with foot-leng thumbs. For a snaw they had stood there-going speechless, with unbelleving tic beings in the vicinity. Then, sufdenly realizing that it must have been these opres who had disinterred

and made away with the badies, filled with such terms headlong from the spot, expecting each moment to beau ably terrible, giguntic brings racing after them.

So vivid was their tak, so manifestly had the men been driver almost mad with fear of what they had near, that chills razed up and down our spines and we there was no sign of exemies, no indications of monstress forms heritage near. All was resceful quist in the valley. What could it mean? What thing, what unimaginable ogre could have wandered about during hodies and carried them away? What terrible, myslorison, inconceivable menace lurited in the dense Stugles

I do not think there was one of our number who thing supernatural about the affair, yet no one would . have admitted it, no one would have conferred to being filled with that worst, most terrible of fear, the fear of some namelete, spectral unknown thing.

It was Padre Antonio who was first to speak and break that oranous, awesome silence. "There is nothing on earth or in the sea that is not of Nature." he said. "Whatever being left those footorints in a being of fish and blood. Often," he smilled, "our imaginations are our worst esemies. Shall we, who have faced and vanguished these burden of anyage men, he disdangerous, less savage? Whatever it may be, let up on have beest us. Lot us learn what it is and then plan to destroy it. Because it is huge, it may be even the lass terrible. Great bodies move but slowly and often

Podre Antonio's sensible words galranized us into ready weapons, towards the spot where the giard's foctueints had been seen. The men had not exarcavaled and the deed holles removed and coverwhere so gigantic, so vividly real, so human, that the bravest among up fairly quaked with dread of the menotropy I say thing or things, for there were so many imprints. one of the giants or if poveral had been there. Stip we fought back our feam and searched about, striving to trang the receive desting to follow the trail to been whence they came and whither they had game. Soon we one of the giants. There was but a single line of the where the thing had retraced his way to his hidden lair. And there were no imprints of hands. The thing thousand times more terrifying to think that the thing then we made a still more hearthle discovery. We future the spot where the giant had squatted-the marks made by his hams were deeply pressed into the earth-and picked hones, the half-devoured boiles, that the ubouilab esambolistic monster had drarred from their graves, All our forced strange, all our mark of large-opt field with the discovery of the third generative values have as a which discovery of the third strange of the third strange provided a foot same is to some indication of the spin field that generative the third strange of the spin measurements of the spin strange of the spin strange measurements and the spin strange of the spin strange measurements and the spin strange of the spin strange measurements and the spin strange of the spin strange from the depth of the jumping, tame a hair-straing, of the spin strange of the spin strain strain strain strange of the spin strain strain strain strain strain strain strain of the spin strain strain strain strain strain strain strains of the spin strain strains appendix the spin strain strains strains of the spin strains strains strains strains strains strains of the spin strains st

The rest interactive way and thus, while cools, intralight and the second secon

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Will first the first shot is caused ass. The report figure, prime fluids in a crop side. Unledge memory and the state of the state of the state of the state the state with a state of prime state. The state of the the state with a state of prime state state of the state of the state with a state of the state of the state of the state with a state of the state of the state of the state with a state of the state of the state of the state with a state of the state of the state constant, from the state of the state of the state of the state with a state of the state of the state of the state with a state of the st

No one even knew if the thing had chaoed us. No one had stopped to back back to learn whether the horrible creature had fallen dead or wounded or had followed for a snace and had that torend back into the jurgles. All we knew was, that it was not in night, slive or dead, and no one had enough courage to go hack and ascertain the truth.

The fear that had been inselved by the brown surgers was nothing compared to the dread of this new menace. They had been man-fellow human beings even if scarcely human; beings whose ways us pauld mars on less understand, whose forms-dwarfed, spish as they were, were shill familiar in appearance, who neared natural, neither uncamp nor word. And their actors with hows and arrows, and despite the fact that thay them. But this thing-this meastrous signatic thingwas unlike any creature we had ever known or imagined. And in the face of such an unknown quantityeven though we now knew it was flesh and blood and murshy a titanic heast-in the face of such overwhelming power and size, we felt utterly at a loss, utterly helpless, and I could imagine how the first of man's incestors must have felt when, cowring in a narrow cave, without weapons other than stones, they shool and tremhted at the approach of schreetoothed tipers. tal picture my thoughts conjured up, audien light dawned upon me. Dinceaurel That was it-this monster, this barrible thing that haunted the jungle, was a dinorany! I felt sure of it, servinced that I was right, and at my announcement all arread it must be so and a tremendous hurden of fear seemed lifted from our minds. However, the fact that we had accounted my identification of the monster did not honoon our peril or our very imminent danger. The dinessor, If We had ample proof of that. He had disinterred and hearing-yes, within our sight-he had killed and had Oney. It was not until we spoke of this, as we discussed what was to he done, that we realload that the monster more useful than harmful, for not only had he warned up that the payages still harked close at hand, butso all agreed ... with him reeming sheet, there was little fed from the neighborhood it only increased our own danger. The monster would be hungry; he had seen un; he would, we felt, follow our tracks and would

To be aure there were still hundreds of bodies huried in the valley and these might ratiate his arrestite for torne time. But for all we know, he might prefer freshbut a question of time-of days, perhaps hours-hefore we would be called upon to defend oursolves from this new and terrible menace. And where there was one of the thingt there was every reason to expect there. would be others. It was inconceivable that there should be but a single individual. Whether he was a stray, a weatherer from the depths of distant schmerged surples, driver hire the savages into the blobbards, or whether he had been evolved, bred of the hursed climate. athers of his kind. We might tran or kill sno hus what chance would we have against dozens, secres, hundreds-great hereis of the giant beasts? Yet something out. We could not remain there penned up in the city, afraid to venture forth, cunking with dread

Our fields must be tilled, our evops garnered. Our daily take must be continued without intervention. Has an was this mensater, he was not con-ball, our bounsaich as the travities, as the greader, must ruthkas mensater-families. We wave an acticultural commulaty. We depended wheth for our invellated upon our table. We consider wheth for our invellated upon our mergine requires a twait amount of feed in steady production.

But as long as the moneter was known to be near, no one would done wniture from the eity. Only after hours of discussion and of argument could a small force of the most courageous he induced to investigate, he determine if our pitch had killed or crippled the mosster. But they issured putling.

These from the tunner of this, they have the sound to the sound of the tunner of the sound to the sound to the sound of the sound to the sound to the sound to the sound of the tunner of the sound to the sound the sound the sound to the sound to the sound to the sound the sound the sound to the sound to the sound to the sound the

With disk time is a dense more its which reserves the second reserves where the importance is a total as a predoment would be primate in a total - more than a spectra would be primate in the second reserves and the second

move above our concented explosives, we would be rid of him forever. It was merve-racking work, lying there in the silence,

a suffice the coming of that herefole graphetic time, also forg as the gravity colone more norming attwart the styiking strating the valley with rabbiod, out highly the and long should be a the rateful is mark its sure is in familiar objects consumed wind mores of the staring should be a sure of the sure of the starf start of the start of the start of the start forest room in a dense basic wall assists the start within at dense round, which wild assists the start within at dense round, sure wide weak, with inside

breaths at every shadow. At last in our straining ears Neurer and nearer the sounds came. Then a faint, somehhy sound, heavy footfalls, felt rather than heard and then-so suddenly, so unexpectedly that I reald acaroly suppress a scream-sgainst the lighter background, loomed a vast black bulk, a bulk appearing thrice its size in the moonlight; a bulk colosed, and mate, moving slowly on all fours, andling the sir surpictously, as slowly, continuely, it overcouched the and gigantic beast reached the grave-trench. Rearing itself in my about at the thought and felt sick with dreadscenting human beings that it mucht devour. For a space it stood thus, as if undecided whether to die un the bedies of the dead or search for the living. Then it fuls of earth atide at each stroke. So interested and fearinated had I become, that I forget the mine.

Buildowly is valuence second to profing into couplent based the managers. There was a discriming, thuskers based the managers. There was a discriming, thuskers based base managers and base as measure, but thing that had base, improving to builden that had search any englishmentals, was informed and service provided and any or measure foundation of the second from the second s

No one cared to go very close to that immense menshed and Masted careass. It was a horrible, a revolting right, and it amailed to high beaven.

It was complete to know that we had destroyed the memories, that unless there should be more than one, we would be freed from terror of its attacks in the future, and, chiefd at our success, we returned to the oity in high gloss.

CHAPTER IX

Carnivorous or Herbivorous-Which?

 $\prod_{i=1}^{n} b_{i} h_{i} h_{i$

It was several months-I am not sure now just how long-after the final destruction of the man-esting monster, that I made a most startilize discovery.

Like every other member of the community, I had a farm of my own. I say my own, but I must qualify that statement. No one was allowed to sum had se

WHEN THE MOON RAN WILD

the products of the sell in his nor right. The starts has block to be the control of the sell starts and block to be the sell of the sell starts of the starts of the sell starts of the sell starts of the starts of the sell starts of the printer had field as were inset starts and starts printer had field as were inset starts and starts instants for sells the sell starts of the starts of the sell starts of the sell starts of the instant field starts of the sell starts and starts of the sell starts and starts and were instant for sensitivity and starts and starts instant for sensitivity the sell starts and starts instant for sensitivity the sell starts and starts intend for the instant law we as a start of the sell starts and we as a start of the sell starts and we as a start of the sell starts and we as

they lacked from others who receased

He swayed back and Jorih. He hissed until the crowd drew back with frightened cries, and his eyes fairly blazed. more than they needed, and—at the close of the fairto take part in a facat, a dance and a general merrymaking, that was given free to all by the government. At these times, too, all suggestions and complaints were heard and avaluated, new rules and laws were promulgated and voied upon, and all efficial tusiness was aliorised to

The short is said that I had use own from I trends the time of the short is the sh

The half required a varia transmit of time, of publicity and of corporations lay, hefters were with any questionlike the end Taba (successful and Tavie bab, so Lay, overall handbed young trees in works wards stars of growth. To be sure its would be seenly a contary babors we could fed use tables of birther their swell form fractional transmits and full conditions in the seeningly manufactor proversion of the north, and hully seen. I babout forwards to witnessing the success or failure of try lindutry and, and the success or failure of try lindutry and, at time, discontrained efforts.

By them is the mercupic I strength of a strength of the stren

Toriginary I much have been terrified, should have been find with evaluation at the respin of an attributes of the manuacian bub dates, so backing the provided of the I hought only of the results of all spremers. Moreever, I hought only of the results of all spremers. Moretional states that the order to the spremers. Moreting only of the back of the results of all spremers. Moreting only of the back of the states of the back to the hought differ out every writted. I wave at low the hought differ out every writted. I wave at low the hought differ out every writted. I wave at low the back of the state of the state of the state to the difference of the state of the state of the state of the difference of the state of the state of the state of the difference of the state of the state of the state of the write sweatch out through the grave, and graveling the write, results out of state of the state of the state.

For a moment I wordered how it had earse there and, the better to examine it. I storged forward. The next instant I uttred a frequed yell that must have been bard a mile away. The mound heaved, moved, tretbled as if shakes by an earthquake, and before my howrided eyes, rease on four feet!

WAS rected to the spot with ghastly fear. I had almost stumbled onto another of those terrible manesting menters! Yet even in nor numbing terror l realized that this gigantic thing was not exactly like the first; it was even more terrible, if anything. From extended an encemponaly long, almost snake-like nock ending in a small victors-looking head that, as I gaved with wide eyes, was moving from side to side, aniting suspiciously, peering this way and that as if trying to locate my presence. Then, either seeing or scenting and with its they green eyes gazing fixedly in my direction, the monster turned slowly and gathered its stupendons body into an arch as if to leap upon me Semehow I found my legs, found motion, and turning, I Close at my heels I heard the earth-shaking tramp of that gigantic beast. I could almost feel his fortid brush jaws cleeling upon me. But I dared not even glance back as I dashed along, leaving over fallen trees, didging between the trucks, in a mad but hopshess andsavor to escape. Then my tos caught on a root, I tripped. planged headlong, and in a galaxy of stars dropped into brain is a turmoil.

For an instant. Thought 14 all come howing is ensure that the long on symbol where K hold wire K is since and our authority is in both one years. It can be then the present static from the the hyperbolic static interpretation of the static static static static static L alway. Why hold it this measures is sind in a, derevand that a way why hold with the hyperbolic static static

I was convinced this was the case and was on the point of sitting up, when my heart soumed to cause beating. Close at hard was a strange poise, a port of deep-draws, subhing sound like wind through trees. But it was not continuous life wind, rather it appeared to come and on at member intervals. It was were there was no doubt of it-it was very like some greature breathing, only it was a hundred, a thousand times share at hand, awaiting my first movement, my first sign of life to keep upon me? Cold sweat stood out on with that terrible mysterious sound throbbing in my within a few yards, would drive sao stark, staring mad Yet if I moved, if I attempted even to turn my head to see those swful have or those talap-claved feet might to ank with fear, so near to boing my water. Anything, I decided, was botter than not knowing. With my muscles, controlled my shaking lints, preparing to to escape. And then-horror of horrors-a shadow fill across me; and above my face, blotting out the sky, appeared the creature's head!

The witched holdful green syss were within a yard of my own. The great heavy, drividing jaws partly opened, and like a streak of light, a large red-fordford torgoe shot forth and touched my heavy. I drew back, covered, and despite every effort, sorranded. With a quick park the head was drawn back and a sharp hits, lead as escaping them, cover from the back in matrik.

Once again the gigantic hand swayed like a hupe servent above me, the tongue played over my body. Then, when I feit that all was over, the head was lifted, the heat gamed at me with what I could have sween was contenue, and above moved away?

I was so amazed, so overcome by the reaction from the strain, that without thicking, I jerked unright. Within a dogen yards of where I sat the hure monster was greating calmly, contentedly, upon my best mains. head, graned his neck and neared at me carlously. Then, apparently satisfied that I was quite harmless, as well as at an utter liss. Why hadn't the creature killed me. devoured me? Then sudden knowledge dawned upon me He was an herbiugram menuter! He was not carnivorous! I was perfectly safe! Then, as I noticed a mad, income for entered my mind. Gould the great beaut be targed, domesticated ? What an accession much orders! Half a dozen elephants could not do the work this manater was canable of performing. To be surecreature-he did not appear very intelligent, his head was too small in propertien to the bady. Still be must process a certain amount of brain, else he would not have realized that I was harmlore, as well as inedible. But be might also possess an iraseible temper. The way in which he had pursued me indicated that

Still, now the idea had taken pasaesolos of me, I was fascingted by the possibility, and morecover, the confounded beast had doze me a tremendous amount of damage and it was his duty to pay for it in labor. destroy all the cultivation in the valley. It would never do to permit him to rosm about at large. He must either be killed or captured and-the thought came to me for the first time-one was about an difficult an the other. All this time I was uncentrically drawing nearer to the monster, who appeared wholly oblivious to my proximity. Almost before I realized it, I was close beside him, for somehow I fell no more fear of the glocatic thing than of an elephant. And then, my based and patted the thick made bids. The ship twitched, much as a horse twitches his skin to dialedge tion that he was aware of me or my act. Growing belder, head, he twisted his long neck shout and peered at me, munching a half deges cornstalles as he did no. Then, tinned feeding. I was almost tempted to climb upon advaturous bravade that eautet the small boy to enter on unknown case or to see how near the verse of a an unknown cave or to see now actir the verge of a ciding that if anything was to be done, it must be done Much nor av surprise, para sugarstion and with almost prototion building the source of the source of the source of the dot not black that have been been as a source of the prototic of the source of

ACCOUNTABLE by a maker of mon-more than the counter of the second second second second second to second second second second second second second the second second second second second second restored and second second second second second restored second seco

Rears of delight, bellows of laughter, a thunder of hand-dapping came from the watching theusands. Ruefor the heart. Still, my disconfiture had proved the thing was not really dangerous and was not uply, could have knocked life from my body with a blow of his head. But one didn't knew out her far one could go without arousing more violent resentment, and I rehow we were to make the monster a prisoner. If he once took it into his bead to move off, to return to the furnies, we were normalies to step him. If exathing was to be done, it must be done while he was quietha feeding. Some surgested erecting a staut fance of tree secure him with cables. But neither method appeared very practical. The man in favor of trusters the beast fast to the monster, and it was obvious to all that to arect a palitande that would hold him would require we could have to construct, the creature would walk

Presently the network the half releved our prelaben for an . Quite billwinn of the entoxing reversib to spurited deem, relief over on one edds, extended his receive on the preside, rested his hand on a pile of broken mains stallsr, descal his cyss and approachty dumkered. Here was our coportantly. It would be comparatively umple to place heavy rapes, own chains, about these umple fresh about the bare toes, and to rescue them to same large trees conveniently near. We had no doubt that he would ologo monelly for same hours, and his thick hole each not be very sensitive. Anybow, it was our charge, and as non as a supply of our heaviest ropps and what chains we passessed, could be brought. No one wanted to be the first to put the books on the monster, so half a descent of us slipped our payeters.

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In the two other three we work which would be a provide the provide two provides of the two provides of the provide two provides of the provides of the two mark has a sound drawn like as also work, but a sound the provide the provides of the two provides of the sound are provide the provides of the two provides of a strategy insight of two provides of the provides of a strategy insight of two provides of the provides of the strategy of the provides of the provides of the strategy of the provides of the provides of the strategy of the provides of the provides of the strategy of the provides of the provides of the strategy of the provides of the strategy of the the strategy of t

For the first time arear more all table. It is based for the large via the average of the large transmission of the large via the average the average of the average of the large via the average of the average of the average of the large via the average of the large via the neutral of permutange of the rates. We wave cloud, a studying by the study of the rates the wave cloud, a studying by the study of the rates. We wave cloud, a studying by the study of the rates the wave cloud, a studying by the study of the rates. We wave cloud, a studying by the study of the rates the wave cloud, a studying by the study of the rate the wave cloud average of the study of the study of the rates of the study of the rate of the study of the rate of the study of the and cheats held, and at last, tired, exhausted with his coordinas, and perhaps realizing the futility of his effects, he amb down upon the earth. By means of long poles we payled burbles of corns table, hundles of sugar errors and ether delikesties within reach of him, but he paid on head whetherer. He was untilting, and by the way he eyed us, I felt mure he at has associated us with his predicament.

For this matter we were in something of a predicament surveives. The monster was our captive, hat what could we do with hint. To be sure be could not reman should and sense more destruction, but on the other hand we could convexly keep the poor thing tied up to starve to death in that spot.

And here the many most of \$1000. And here the many most of \$1000. In this section, the section of \$1000 of \$100

The first, we wave rather afteld that we had literally cought a totate and on the para pursues the hast of our frare was that there might be others of his fixed is in websity, that they might const to his record, and have not might fixed and the second second second would have determined points exceeding the roles on prisones. To at host we defined that has hast thing in a down to have has the binned for the roles on prirome is a start we defined that has hast thing in the second method. The role of the roles of the role was to have has the binned for second method and finding are the minutes could not assign, we quired and courselings.

CHAPTER X

The Power of Doughnuts

We did glood the much and dates in our results or naive, programs in add understanded date and profile and the second second second second and profile and second s

The meaned bounds were more than a mile dittant where, in a grow of first near wear any own relidence, Frank's houses, and my graddsinghist's barss—fee Mathidie was now a mattern with ididice of her own and I was twice a great-grandfather. Mathidie was an excellent cook, and en this particular meeting while we wave scarshing for the accepted mension, she was buy cooling dorghuts.

Having stated a greet pan full of the delectishly browsed rings in the window to cool, and back to the stow. Presently the light within the room was dimnod as if a heavy cloud had elsoured the turn Half-turning, the ginated at the open window wondering if a store was heveing, and at winds the new hit shrank back, cowaring in a corner of the room, too horvified even to arrease.

Thing the window, scheated asshall the bitline maintaint, such the planning, territhy have the comparison more of 2000 dames to part the hours in the read bamore of 2000 dames to part the hours in the read bawindow, and do wan for the territod bit the asparticle of reasons that the hear's hear 's have the large of the start of the start's hear is the start of the start of the start of the start's hear is the start of the start is the start was staffing at the part of description. In direct the the start is being at description the start is description of right the bits start of starting he calous, he down have. But they for a moreast, the such is start of starting the start was start as the start of starting he calous he down have. But they for a moreast, the such is start of starting the start was started as the start of starting he calous he down have. But they for a moreast, the such is start of started as the start of started as the start of started more started as the start of started more started as the start of started more started was started as the start of started more started in the started more started

For a moment the huge paws champed, the pig-like eyes blinked, and then with a gulp, the hot despinute were swallowed and the heat and bettered tin was dropped elattering to the ground.

Bill terrified as she was, Mathilds throught only of scape from the room. If also scale only keep the manster bury she might slip by him and reach the doar, A accould for of doughnous stood on the table, and summoning all har exprase, the pushed the table under the window and dashed for the doarway.

Shaking with fear lest at any moment the great heast night wreck the house in his anxiety to reach the dyaghauta, for to har terriled searce he acomed large and powerful enough to force a way through the strong just as we reached the first of the trees. Breathinsaly she told me what had occurred, and, having calreed her we hurried forward. Looming half at large as the house, the great balk of the creature was still there. Approaching cautionity we discovered that apparently wodged in the window-caring, and reemonaly, despite his efforts, he could not withdraw it. Like many a human being, he had fallen a victim to his spretite. But as we entered the house and looked into the doughnuts just beyond his reach. Everyons round with laughter at the expression upon the creature's face. With rolling eyes upon the dainties so near, muffing noisily as the appetiting aroms rose from the freshly cooked eakes, and with long tongue extended, he wriggied and strained and grunted to force his

But the despinate might for well kers here a mit tree also as for as has efforts were concerned. The window-existing ways of staud, kard-weed interface not window-existing ways of staud, kard-weed interface not have battered in the window with a blow of a forth for the window with the state of the blow of a forth the window of the state of the blow of a forth window with the state of the blow of a forth state window with the state of the blow of a forth state window with the state of the blow of a forth state window with the state of the blow of the blow of a forth forth the state of the blow of the blow of the blow of the blow blow of the blow with the blow of the blow of the blow of the blow of the blow the blow of the blow of the blow of the blow of the blow blow of the blow the blow of the blow the blow of the blow of the blow of the blow of the blow the blow of the blow the blow of the blow the blow of t

As I tonod the calou into his month and he closed his jaws upon them, he reminfold me of nothing so much as an adoptant receiving peak sounds from a small by And It seemed just as relications for this mean beyond theratily begings for doughtuits, that were means running in the immense mouth, as for an adoptant to behier with such incy things as peakents. But the really important problem was how to get the measure's head from the window, and what to do with him in case we succeeded. Possibly, I thought, if the doughnuts were removed, he might work humself free.

I was guide correct in my surmiss for, having taken pensasion of the cakes, we hurried outside the house just in time to me the beast feek his head loces from the window.caing.

The is measures the starting bilinking pulping, there is not starting the starting bilinking pulping, there is a starting bilink of the start, and before a harm had been draw. Then a staffer glean of thereast draws and here is a starting bilink of the start and before the start and before the start and before a bilink of the starting bilinking bilinking bilinking and fragments of the starting bilinking bilinking bilinking and the start and bilinking bilinking bilinking bilinking fragments bilinking bilinking bilinking bilinking bilinking fragments bilinking bi

There was sensible as helicreuply hopful in his expression, sourcelling to like that of a harmonic pupy, that all fear of the gipunic beast field from raw, while its etaker, pathered raw, bourd has been been been "fluery up and get some more deuptrate." I suite to Frank, "er gits or radius can surviving of the corty you can find. He's failer for Mathald's cooking and the duptruit is alighting than to rays."

Further we have it as monoton was a basis of more weak a minimization scattering of partice. Its weak as a minimization scattering of partice, Its weak as a minimization scattering of partice, Its weak as a minimization of the start of the

"As long is we can supply him with doughnuts or pastery ho's as profile as a kitten," I declared, as we pathered about to watch the monitor. "But we'll have to loop a small army of cooks beay to supply him."

The other hands and real results in the set of the set

"All right," said Frank, "if you want the menster in "All right," said Frank, "if you want the menster in your back and make a pet of him. But The net anxious to have him about my place, and you work get Mathila to come back here as know as here in the meinbacket." It was then that Pairs advanta, who had joined un suggested a solution of the obspace. Ho reminded us of the high walled courtyrate of an anniast rational dity on the other pairs of the solution. The same starsame stars a seriest juried before the surface of the sourch and with the soler faced with the surface of the sourch and with the soler faced with the course-finish, in memory from blocks. Once within that, the creature is source that one of the soler pairs with the surface and the provide the soler sole with the sole pairs of the source have been been been as the pairs of the sole outputs, here the negative sole of the sole of the sole outputs. It is also negative sole of the sole of the sole of the sole with the security confide.

Bwything weeks of the perfection. Man were sett about to preprice them issue and tension for clearing the patternsy; others were despitial to gather quantities of sugar case, com and wagehables to be thrown into the court, and measurements the the werks to howe the start of the court of the start of the start of the start of the were exceptible to abla and field has bevered howers were were excepted to be food, while starks gathan and part of the food the food the starks gathan and part of the line in the starks gathan and part of the line.

There is no necessity of relating in detail all the subrequest events regarding the domestication of the monstar. Enough to say that within a very short time he was as tame, as trartable and as gentle as though horn and hred in captivity; that with little real difficulty he was trained to carry hurdens, to have an immense wheeled vehicle, and to use his stupendous strength in the united efforts of scores of men and many orea. peared to he food of them. He would permit them to frolic about him, to clamber over his back and neck and seemed thereughly to anyoy it. He was, in fact, a must valuable acculation to the community, even through a special keeper had to be appointed to look after him while the keeper's wife was kept constantly heav baking gigantic doughnuts for the creature in large quantities.

In time, ites, we seared three more of the numberations that we wanted multiple to the first. Resulting to methods of training with displants, we made use of the search of the search of the search of the search theore was really little difficulty cancentered. The termtume all sectored to have a musin for displants—duragh displants and the search of the search of the search would all habituge themselves they would be reversed with third Fareton distances they would be reversed with the search of th

They grow with amoning rapidity and within six months were almost as hig as their parents and were as thoroughly demosticated and well trained.

It the monotone many other events had here trues particle Associative bidgs one correctly the finational community of people at Chern, some two hereines there are an event of the second second second second there is a second second second second second second there has a low presently events a nellosificreph studies, there has a low presently events a nellosificreph studies there has a low presently events a nellosificreph studies there has a low presently events a nellosificreph studies there has a low presently events a nellosificreph studies there has a low present the studies of the studies there has a low present the studies of the studies there are a low present the studies of the studies there are a low present the studies of the studies that the studies with here of the studies presents. IN many ways that history was similar to our own. Just as the nucleus of our community had been the free ourrivers frem the conta of the south flux the groups and infirithabil attraction in the mountains, that in had been fermed of a few survivers from the nucleuse code hyrons with abilities from many small input individual from the start of the south flux of a south over which abilities from many small light and each rown with a shiften from from of life, and so such toway ruling as we presented.

Neither had they an airplane, radio-telegranh coultment nor many of the articles we had been fortunate enough to secure at Rancon. Like us, too, they had been attacked by the brown Misguided Ones, and through they and driven off the covaria, they had lost heavily and had heen forced to fice for safety to a great stone city seen at Chavin. Here they were in precession of an impregrable defense, and had begun to increase and to prosper. But they had had internal troubles and dissenstons. Some of their numbers had been rough, hrutal, lawless man from the mincs. These had discovered how to make intoxicating drinks, they had become disorderly, dangeroue, and finally had broken into open rewelt. Although the better cleas had wen, it was with considerable loss and the malefactors had hean condemand to death. Still, the community had been steadily increasing and improving. Several expeditions had been made to the coast and to nearby deserted towns; many useful things had been obtained, and with great diffwithin reach, they had at last succeeded in establishing a radio-telegraph and to their inconvessible toy had no more than curselves of the fate of the various inolated communities with whom (in the sarly days) we had been in communication, and we could only assume that these had been wiged out by savages or by savage heasts. Three at Chavin had seen nothing of the mansating monsters we had encountered, and neither had then suspected the presence of the immense beasts we had demesticated. But they had been terribly afflicted with gigantic, hat-like creatures, huge, winged monstern with long itwo, armed with rows of sharp-pointed teeth, that some forth at night and holdly attacked anyone who westured forth after sunset.

The community was much smaller than ours-aumhering barrely one throasand all tobi-and having barroad or our progress, our conditions and our advantages, they suggested that the two communities should join forces. It was a most excellent idea, but one which, it assumed, would be presentedly impossible to earry out.

a two hundred mile journey over untrodden, trackless. for us to dream of migrating to Chavin. Of course we and plans were all devoted to some means of hrinzing these of Chavis to our valley. It was suggested that the great, demesticated beasts might be outdowed, that they could force a way through the jungles and would protect these who rode upon them from harm. Hut their wild state once they were in the forest; while we had no faith in their shillty to attack or drive off such creatures as the man-esting monsters and finally their movements were so also that long weeks-mentible months work to new that kedg weeks-penality ancessaful. Had we pessented a supply of fuel for our sirulane we might have made a number of trins and thus have transported the Chavin people a few at a time, for they told up there was an excellent spot for landing at their settlement.

But the small quantity of fuel that remained to us would not have carried the machine half way to Chavin. It was then that I bebrught myself of the atranhed, parity wreeked ship I had discovered on my expedition to the coast.

If we could by any possibility repair and fisat that ship, we might be able to all meth, hind on the coart care Chrivia, and there embeds all the inhibitants of the place, for they assured us that they could reach the shore in certupravitive and/try and without great difficulty, their orthometr being less than a dozen miles from the isa.

But would it be possible to undertake such a tremendous job as to remain and reflect the years? And if undertakon, could we hope for success? We discussed the matter at great length. Among our members were two men who had been among the original members of the commutity and who had been at Bircon for the purpose of crecting mining machinery. Both were what we in these days called engineers, and one had in his younger days, bean in charge of a steam weesel. Had they possessed adequate tools and machinery, they stated they felt sure the ship might be reconditioned in time. but without these it was doubtful. Moreover, they could not say definitely until they had visited and imported and finally there was the question of refloating the vessel even if she were repaired. But this problem I solved by reminding them of our herd of monstrous beauts. If we could get a number of these great creatures to the coast, we could employ them for disping a great ditch leading from high water mark to the stranded vessel, and so stupendous was their strength-they might even be able to drag the ship or

It would be if course a long, hostbreaking, most alfability of the subscription, but we had been escatanced to dangers, to difficulties, and time was of to object. Mesowov, here were can thousand follow for our empanionship, and that insertive ainer was encourb to cause us to try almost any fast. So it was at hast defield to arguing an expedition to be seen the defield in longible, to a sign entry work work in the defield in longible, to a sign entry work work in the defield in longible, to a sign entry work work in the defield in longible.

CHAPTER XI

To the Rescue

THE journey to the coust was accomplished safely and without incident. As a test, we took two of been born and bred in captivity, and these greatly aided us. They had no difficulty in ploughing a way through the thickest implies. They afforded a means of transporting great quantities of supplies and equipment, and often, when the going was had, we role in case and comfort upon their great backs. Best of all they showed no signs of a tendency to revert to a wild state, and so we had prepared a yest quantity of their favorite doughouts, they worked willingly and seemed thoroughby to enjoy the trip through the forests. The ship still remained where I had first seen it, though during the time that had penced, vart quantities of wind-drifted sand had blown up about it and a tangle of vines and trees almost hid it from sight. But in a way these had been a help rather than a hindratee, for they had served to protect it from the elements. As the vessel afforded the driest, safest and most comfortable spot in which to camp, we cleared away the growths, disposed that owarmed about it, and made ourselves as comfortable as possible, our two beasts being tethered (for they had long since become accustomed to being secured by ropes, which they could easily have anapped had they desired).

Noti be our oblight the venuel reas found in prethere they first here will reasonable how exception. The perform a first here and the second second second the second second second second second second second work and decays and was reliable by any second second work and decays and was reliable by any second second the rest of the second second second second second the second second second second second second work and decays and was reliable by any second second the second second second second second second second the relation of the second second second second second desired second second second second second second here and the relation of the second second second here second second second second second second second here second s

Both men agreed that the was well worth recairing, although they shock their heads dublecuty in regard to her seaworthinens. But as we intended to use her for one trup only, and that a short one, and as the ocean wid usually calm along the coast, that emertion did nat worry us. The most vital punt was whether or not it would be possible to float the vessel, if she was put in servicenshe shape. The only means of doing this would be by the halp of our powerful beasts, and the only means of ascertaining if this would be feasible was to try them. There is no need to describe in detail our preparations for the test. We managed to rig up rome base scrapers and found that the beasts, once they huge affairs with ease and moved small mountains of send in a faw hours. Then one of the engineers declared that as soon as the bollers ware repaired and it was possible to get up steam they could rig up a steamcontrated shovel or droige to excerdite excevations. And as an examination proved that a comparatively short and shallow ditch would be all that was needed to allow the incoming tide to reach the shin and so lift her from weeks had passed, we would be setting off on an occan yorner to the worse of our fellows in Chavin.

The engineers host no time in starting work; a force of men was sent down, together with six more of the calcondone, as we now called the great beats, and the old wreck became a source of busy inderty and life.

It remanded are of old times to hear the din of rivetiron, the creak and whine of tackles and winches, the stutial of pipe-threading machines, and the countleys noises foouing from the howels of the ship. Meanwhile the six colousadons were steadily reducing the great heant of sand about the bull and were plouching and the distant sea, while peores of men were laboring in work-shops and under sun-obeliters, sawing, howing other tasks. Work went so apace, and it was a great day when at last the hollers had been renaired and the fires in the furnaces lit. And when a column of thick black smoke roured from the newly erected funnel and engines on deck were set in motion, we felt that the worst was over and that our final success was assured Hundreds of people ficcied from the valley to the coast to see the show, for many had never seen a ship, nor for that matter a steam engine, and during the wrelst structed a fairly good road between then and valley, a road over which the coloredges drew imments leads or carried beavy burdens back and forth.

To carry forty or fifty pursues or lik back was more child's play. For on of these grants beats, and there was no dargar frees either wild atimath or wild rain that the start of the start of the start of the startic start here carry is the start of the start of the start they carry hapf of the grants. Itsnisting colouand had feel as if its device it how cost. Orce, a start back of the start hapf of the start of the startest they carry hapf of the start of the start and had feel as if its device its most of the startig start have carry the start darger-like to the andia of on another consister, when a pack of evences they carry the start darger-like to the and start back and the start darger-like to the and start back and the start darger-like to the and solution its are start.

Builting streams baking balays, they had fings the stream of the stream of the stream of the stream bala mains cans. Will be proved of the strength gives that had a bald derived for work of this marging the stream of the stream of the stream of the stream of the marging the stream of the stream of the stream of the marging the stream of the stream of the stream of the marging the stream of the stream of the stream of the marging the stream of the

OP^P the actual work upon the ship I are little, for in attending to the transportation of not and supplies of which I was in charge. But I made frequent with the store, and I was ansate I the meal with which the store, and I was ansate I the meal with which the store and I was ansate I the meal with which the store and the store is the store of the store I model of the store is the store of the store of the I model of the store is the store of the store is the I model of the store is the store of the store is the I model of the store is the store of the store is the I model of the store is the store of the store is the I model of the store is the store is the store is the store is the I model of the store is the store is the store is the store is the I model of the store is the store is the store is the store is the I model of the store is the store is the store is the store is the I model of the store is the store is the store is the store is the I model of the store is the s

cables and fittings replaced the small boats repaired or rebuilt, and although to my unprofessional eres it still appeared a hoppless tangle and confusion, an inthe names or uses, yet it was all plain and simple enough to those in charge, and order came gradually out of chaos. And when the builting coninco were ship. Great iren bucistis were constructed which could he howeved and valued or surgar in any direction by means of cables attached to long arms or beams, and dumped into huge vehicles drawn by the colouradors. Long before the interior of the ship and her machinory were in arryiceable condition, the sand had been remained to do was to complete the ditch that would allow the rea to flow in and float hor. Yet all was due we never could have undertaken the work with any hope of anccess, and we all blessed Mathilde's doughnuts.

Maximum, we were in communication communication of the the Chavies and kept than individed of which we were dring and how were was progressing. They were disted, we seemed like difference from baves to them, for they were having a hard time of it. The lind in they dring was poor, findle regression were not a success, and they had been hard part to it to recure food. In one way they were fortunate. They had a good sipply of firearms and ammunition, and by hunting and fishing they had managed to subsist. But they were constantly fighting wild begata; the great, flying creatures suffering from strange maladies. Worst of all, they had no real leaders, no one with enough intelligence. initiative and ability to take charge, and no arganization such as ours. Everyone did about as he or she now it. There was no unity of effort, no community coirit, and as a result, they were steadily deteriorating reverting more and more to berbarism. Those who communicated with us were aware of this, for they were the more intelligent members of the community, but they did not appear to be able to change conditions At the time we thought it the result of the charactern of the original members of the community-mainly result of semething in the climate or the anvironment, for under new conditions they completely changed. But was docmed if left to itself, and that the only hope was to rescue them and bring them to our valley.

Three is one matter which this brings to mind which these majnetical to methon. These spokes of the several astronomial decorradiates in the Ander and particularly of these means Risess. It was increases the initiality of these means the way and the seven periadonome of these isolated tatking thread to be add our initiality in the set he members of the smaller initiated communities periabel. For some managed to reade our within and three at the of the force Rises and encotesting and these at the other force Rises and encotesting and these at the other force Rises and enco-

But of course they had been compalled to leave their until we had the dementicated colorendors that there establishing an observatory in the valley. Few of us ancient and very sample incan Intihustona* served our purposes for computing time, and as long as the moon abaken in these early days of terror, for they had failed attory to warn the people of the impending estastrophe. But when the work upon the ship having programmed to the point where ultimate success computent to navigate the vessel, we discovered that of doing so. And they declared that unloss they could take a series of observations and could check up on the sun and stars and being their astronomical data up to date, it would be suicidal to attempt to navigate the aboy. They pointed out that to determine longiappreximate; that all the old instruments aboard the wild, and that they would be forced to work out what was practically a new system of navigation.

Had the coast remained unchanged, they peinted out, it would have been a simple matter to have navigated a vessel by landmarks. But as it was, there was nothing of the old eramining and there would unicolatedly be many new unknown and acceedingly dangerous reeds, shouls and receils to endanger our lives.

We were thus convinced that all our labors would be for nothing, and Ghavin could never be saved, unless the instruments were brought from Ripeon or unless the astronomers could work in the dd station.

"Lizerally, "Where the sam is find." A form of somehal

And as the holes obtains seemed the exists and the quickets, transgements were at soom make and an armod sequefilter with free seconds. The adarmod sequefilter with free seconds to the transting anopy of free and other seconds. The sidfor I known rothing of them at free head. The inperiant part is but they recovered and that, from that they are satisfielded as line of commutation with must we satisfield as line of commutation quite must we startioned to Chanceas.

Neither is it measures to describe in detail courevent that foll up to that day when the adapt or unbiawe found our hopes was avoid for sam and hand presmations over mask for dusting here. Already the results of the attractionarie observations had perceed valuable. They had addetailed the lime of the budies, and by means which were incomprehensible to me, they had pointed the attractions for the discover is avoid as the budies the attraction of the value was in the budies of the attraction of the value was in the budies of the second se

Use the kills, nor appearing like new in fresh-paties technology and the task of the second second second second technology and the task of the second second second technology and the second second

But every case had been taken to avoid any such terrils extativations. Long, increasing schlass had been hel from either aim at an argie tewards the or and bad been security fastand. Other exhists were attached to the harmonos on waiting colosanders rough it a command b land forward with all other stuggestous strength, and wither had been given to mart the her inflatent for water zone neutring has the cased.

T was a tente moment. In a few minutes we would see all our long and weary labors, all the hopes of rescuing our fellow men atterly destroyed or would see that all-that every one of these waiting, expectant thousands-saw in the success or failure of the isunchknew, that ship would be the only vessal upon the vast means of learning of the fate of hundreds of millions and it would be the sole and only means of getting in touch with such other members of the human race, an might curvive in other lands, verhans of saving countless lives, of uniting the existing peoples once more. Never, we felt, in the whole history of the world had the launching of a ship been franght with such vital importance, such romance, such drams, such hopes of the first of the stricken world to again sail the sean. humanity, such as the world had never before known. That our little community in the Andes would be the first to triamph over the forces of nature, the first to this access the notice of universal disauder, the first to take steps to resultable the old order of things, the first to cankle the remnants of our rate to join bands and build up the divisiantics and the commerce and effect the rupermatiles of the entire world.

And when, in the datanon, a feering creat of water was even ranking like a mighty burrent into the great dith, we watched breathless, with fart-beading hearts, form by hopes and faure. No even groke, no one uttered a sound. The elimne was broken only by the faint hiss of easying transmitten the waiting shift, the eccentorial ratifie of harmons as an impatient beast shock himselfs, and the distant ever of the ortunhing water.

Thus, you and clear, breaking the etilizers like a charles note, rang the volce of Padre Antonio. "Let up pray!" he cried, and like an echo came the ringing tones of the lines: "Init, hear thy children's upropers"

Instantly every boat was bowed, and from thousands of lips prayers to be Almighty-proven to God and to Inti-arrose until the whispered words occured hite a wind reading through mighty trees, and the sound of the continue this was drowned.

And, as if it is assessed to one proyres, the first-in, herrotatilla, frame-append will correlated the contines of the travels, if threks and agreed harmfords, prover the bracking of the books, and memory has been appendix harder the travel of the solid, it is a provide the particular shows the travel of the solid, it is a provide the bracking of the traveling. It is writed about her notes, With a hourse being of the writing, it is a provide the bracking of the traveling of the solid solid is a provide the Bracking and higher the water rows. It here, it is collabor to bracking of the traveling of the solid solid bracking the work of the solid solid bracking the traveling of the solid solid bracking of the writing of the solid brack at the work of the solid brack of the solid brack at the work of the solid brack of the solid brack at the work of the solid brack of the solid brack at the work of the solid brack of the solid brack at the work of the solid brack of the solid brack at the solid brack of the solid brack at the solid brack of the solid brack of the solid brack at th

And then a deafaning roar, a chear fram thousands of threats drowned every other round. The ship recise, wayed, facilitied The great maceing robes stackened and were cast loose. The cheanaders moved story forward, The ship diffued hackward down the canal

Slowly, surroung the sandy banks, freed from all eshles, the fell har way servard to meet the incoming tide, to flost at host, triamphant, proud, once more upon the ocean's breast.

CHAPTER XII

The Pagificens Discovered

ONLY there recentery to handle the ship were to new this here, for all here available speeds to reided fee transporting the Charlen poyce. So watched her as else moved storky, and materially rout to east, until only the storage of transle from the furnel aboved above the borner, until even that last trace of our chip had vanited.

They, fouling a storage sectorized of mingled by an otherwork of loop on all forces we restant to the value, some sector of the sector between less to one baseling. Our sector of the of these was in basels. As the storaged biologi—fielding the density of the sector of the sector of the secence of the sector of the sect we incred that the lost man of the refugure was after on board, but at they had seen another ritigs from an island off the coast they were plaxaning to steam towards it. Feddra runs there were plaxaning to the second were that a sutilization of marky three handbridge promowere on the laiding, but that it would be impossible to transport all at one time and that they had dedided to transport all at one time and that they had dedided to relation.

There is no need to go into details. The return of our ship with its passengere was perhaps the greatest event in our history since we had optered the valley. and no somer were the refugees safe ashore than the ship steamed away to rescue those on the island. These proved to be the survivors and descendants of survivors of the city of Trujillo and other towns. They had taken refure on the only available lofty mountain, a more peak, which had been transformed into an injund, when the surrounding plains and deserts had been award away and flooded by the great tidal wayes. hardships and sufferings had been terrable, and only by a miracle had any survived. For weeks they had anheisted open dead fish, sea creatures and cactus pain. and their only water had been what they could supresse from cactus stalks and the little they could collect in sea-shells when it had mined. Then a dend sea-lion fleah and had lived on that, and as vegetation had spring up, they had managed to eke out an existence.

The fir way fixe a "province to late with your way. We have a set of the set

Thinking that there might be other manorated groups of people on the cenats or inheading, the ship remined back and forth for several menths, but no therm were found. It was no new of these vergame, when I was no based, that we made a most amazing discovery that was detained to entirely alier our lives and the lives of thousands of eithery, and that was in some ways the most morenteen harmening with had to far severated.

As we measured activity along one mentions and 1 model means a dataset think one were approximation. Furstead, means and the state of the state of the state of the means and the state of the state of the state of the product of the state of the state of the state of the product built another shale were the mean state product built another shale were the state of the product built another shale were the state of the state of soon. The state of the state of the state of the everyone was crewelling to the ralls, starting at 1 hand were an exceeding at an . No death or set this is an antisisticities are applied to the state of the state of the linead were an antisistic and a state of the state of the state of the linead were an antisistic and a state of the state of the state of the linead were an antisistic and any applications to the state of the state of the state state of the big ship, though hedy kept, past-streaked and neglocted. But we sorredy neticed task triffer, We were filled with worder, with specialtions. Whence did shep costs? What were on beard her? Where did they live? What was their race or nationality? Whither was also becom?

We seen as long its doubt. Our packs operator has been bary, bud is out of pot step for step in the step in the step is a step is step is the step is

And no wranfor. Here were we, thanking emposes the only man shall be got he as a presenting periodic presenting of the second second second second second fragments with the second seco

Through the set of multiple with the history of our trace is passed wells to check trease has no set of the check trease has a set of the set of the trease of the set of the s

Perturbative for all, the island was mercented by instruct of transmission delts, is this is the original metry impact with it and was not wreshed by tatilities metry impact with it and was not wreshed by tatilities metry impact of the parameters of the start was and the parameters of the descention of the start was wreshed as a start of the start was and with set work its wrest than control was and with set work of the start was and the start of the start was and the start of the start was and with set were shown it have a start of the start was and work of the start in the start was and the start was and the start of the start was and the start was and the start of the start was and the start was and the start of the start was and the start was and the start of the start was and the start was and the start of the start was and the start was and the start of buffetiest and tassed shout and half-wrecked by the tumilizous waves, the terrific systems and the temposts that followed, the versel curvived. Upon har were store two hundred parasingers and her complement of as many more. And it was obvious that, with the additional lumdred survivers, the shape doces would none be exhausted, unless some inhelited spat or some bit of inhelited lund could be found.

So, for weeks, for months, the overburdened ship cruised, weathering gales, swort by great near, her crew and passengers living in deadly terror as the mad moon went racing through the beavens, value searchtored wrecks and derelicts were sighted and from some of three the steamer, at risk of sinking with all her human fraight, refiled her fusi oil tanks. From others they secured necessary supplies, feed and clothing, and from some they rescued ship-wrocked, hopeless, starsing men and women. Yst nowhere could they find a speck of land that seemed familiar. Islands were righted but they had been washed bare of all bet solid rock by the great tidal waves. Where once the group known in the old days as the Galaparos had been wree The coart of South America had been so altered that it was unrents and winds had altered and reafs and rocks had risen where none had been before and land had diaappeared, while no glasming light-home remained to guids the half-mad officers upon the ship that seemed utterly lost upon that desolute altered sea.

For hundreds, thousands of miles they reyaged. The sldp because enormated with coral and hurmacles, overgrown with toos of trailing weeds. Her beliess were constantly giving out, her engines centionally had to be stopped for regains, her same lanked.

Similations for faces, the derived large with the loc cost three lines fixed has been for robot. All that the barrows lines fixed has been for robot. All that the barrows lines fixed large large large large large large barrows lines are large large large large large large large barrows lines are large large large large large large large barrows lines are large lar

Here the thousand odd souls disembarked, and heartily weary of the sos, thinking never again to leave the fair land they had found, they stripped the vessel of everything of use or value and established a actilement in a nearby valley. They had seeds, tools, fire-arms and innumerable useful supplies. Game abounded, there were fish in the streams, and exploring parties searched in vain for other inhabitants or for dangerous wild heatty. It seemed a veritable Eden, The climate was delightful, crops were abundant, life was climate say, idyilic. The colory increased rapidly. Within three years it had doubled in numbers. They had schools, a church, and even the roughout members of the ship's crow become hard-working, God-fearing, law-abiding individuals under the rule of the shin's commander who had been elected president, and with the examples of the Pitcelra Islandsrs constantly hefore them. The ship's surgeen looked after their health. The chip's chapisin conducted their religious coreAmong the passangert ware former, sloop-seiner, effettills, organization, and an anillationeffettills, and and an anillation of the anillation of all next formidant and wave encouraged, and tanga theory with and approximation, and and anillation of an anillation theory with the sloop of the anillation of the anillation of the anisotropy analysis and anisotropy of the anisotropy and anisotropy of the anisotropy and anisotropy of the anisot

But here here an disk has here piece, important discoveries had been midd. Front the vary moment of hashing of these who gave the matter a thought had been approximately a strain of the strain strain of the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain from the strain of the strain of the strain of the strain from the strain of the strain of the strain of the strain from the strain of the strain of the strain of the strain from the strain of the strain of the strain of the strain from the strain of the strain of the strain of the strain for strain of the strain of the strain of the strain of the strain for strain of the strain of the strain of the strain of the strain for strain of the st

Some of the ship's officers had undertaken to explore and map the coast, for despite the fact that they had found no signs of human beings upon the island, the people could not believe that such a epot could be mninhabitod, and they felt sure that comewhere along the coasts, in come of the dasp, sheltered fyords, there must be follow men. So, in one of the shin's launches, fitted with a small engine as well as sails, the officers had cruited about, searching for eigns of human life, exploting, mapping, thoroughly enjoying themselves, Then one day, rounding a headland, they saw a halfruined structure upon the summit of a chiff. Instantia they recognized it as the remains of a stone and iron lighthouse. Here was a clac to the identity of the land, and having elambered with difficulty up the height. for the ruin was nearly three thomsand feet above the

Three could be no doubt of it. The officers had been familiar enough with the lightheaster of the Pacific consis to feel positive of the identity of the ruin. If was Cape Pillar, the heacon that, years bufore, had guided mariners to the entrance to Magellan Straits The men gazed at one another in mutual wonder, Care Pillar! Then this land, this lovely, halmy land was Patagonia or-they cast appraising eyes at the sunyes, that was it. The rains of the battered storm-swapt lighthouse was on the porthuestern extremity of the land. It was not Patagonia. No, Patagonia had van-ished. It was all opin, hourdless sea in that direction, a waste of waters broken only by small harrow up, jatting rocky islets and forhedding submerzed yeaks -all that remained of what were ence mountains and this land, this earthly Eden, was therefore the archinelare that oper had extended southward from the Straits of Magellan to the Antarctic Ocean!

A⁸ if this were not enough, the sext day the explorers make a second discovery. Reunding a point of the land, they earne in view of a long, steeply shoring beach and there, above reach of the waves, hulf-hidden in a strong of each and order trong, was a villow. Reuke ree in this hile spirals from hard-covids houses issues wer drawn up upon the drawn of houses and more not wears, drawed in the iters of namais and brids, were sturing at the strangers as it is ghosts. Thus, the while man, which having more than once satisf drawing the Strangers as it is notices naturally as Patagemians. Not the dwarfed, deparating, minesic constants the houses as a dashed as at the slightly before Tanjana or Gras, but is members of the harper, before draw, and before.

Find with more of this flattownin, and sense sectoms. All located to this steps, with instruct and antercent. Now they have where they were, and antercent. Now they have where they were, and the steps of the steps of the steps of the photon with this was have a forty-for rise and all any motical full hibiteria half near mysterios. It explained with this was have a forty-fort rise and all the temperature stars. It explained the door photon that any structure of the stars of the stars of the first stars and the stars of the stars and the starburgs. The it dail not explain in the commenter of the stars of the stars of the stars and the stars.

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Some surgested that the ship should be elected, repared and should let of ele an aytematic starsh. But the offsens would not liken to this. It would be a terrifu andership to put his hip in accelerity delays and, shey semilated the others, during the many method hip ind has a centuality at a say, they had not enty failed to find any inflations of living people, but had inlike terril.

But stars, and among them & collece professors, according that the properties of the star barriers of the entry over one-function and product and here one proves the stars and the star barriers and the internet and the star barriers and the stars of the stars that the stars and the stars of the stars and the stars and the star and the stars of the stars and the stars and the star and the stars of the stars and the stars of the stars of the stars of the stars and the stars of the stars of the stars of the stars and the stars of the star and the star and the stars and the stars of the stars

It remained for a more buy to do thin. Ho was the primer mail-selectrips dopention of the ship. The center operator had died at easy. He remembered that many of constraints and the shift of the shift of the shift of constraints of the shift of the shift of the shift of the shift montantance that there was no results why they shift have been injured, and that there was a chancedopent of grass a statism by which he could communicable that is orige up a statism by which he could communicable there have a dopen, should be a statism by which he could communicable other here and dopent of the shift of the shift of the shift of other here and dopent of the shift of the shift of the shift of the here and dopent of the shift of th

repline, he cought a fragment of a massage, excitament ran riot.

But he could hear only a fragment. Not enough to learn anything, not ensuch to aid him in fixing the direction or the distance of the station. For months be worked, testing, improving, trying new ideas in his survivors were, where they were located. And at last be triumphed. To be sure he could not send a menage that brought any response or acknowledgment, hat he received enough to settle all questions. He had overbeard us communicating with the Chavins. He had caught but one word that mount anything-"Chavin" -and it was not difficult to locate that soot hy means of the ship's charts. And now that there was no doubt of human brings bring there, even the ship's offorts were in a fever to recondition their yours and to set forth in sourch of the distant community, whe, from the fragments of conversation pieked up, were obviously in dirs need of help

Their nucleicklarg was nucleus compared to what we had dowd. Their with bal on bit we unweaked, had to have after which had the set on weaked, had the factor afters in the had near provide hashed. It is haddward movem tecturely by table to the oddly, and haddward movem tecturely by table to the oddly, and particulary immerse regain and regionerate. Mecorcor, the differ even, its sugmentation from the occusiony weak wallable to conduct and earry on the necessary weak. Hence it preceded far more regidly than did corrs. Hence its preceded far more regidly than did corrs.

But they have nothing of our plans, have mothing of the Chavin people having here necessed, for the radio oparator had come to a old and terrible end. In stoching the wirms for the automn between the hitler mustip, here had fallen and had been instantly killed. And a there was no other to this fall place. These urgen the historic must be a start of the start of the start in the start of the start of the start of the start between the start of the start of the start of the historic must be start of the start is included them.

We have the first pair density the same the set the same the same

Naturally we were as anxious to visit their ortiloment as they had here to visit us, and though it was quastionable if the tropical creatures would survive in a temperate effinite, we carried two pairs of the colossadons with us when we set sail for their distant home. few lines. We were delighted with the spot. We found the people most charming, and our colouradous and Life Tree nuts filled there with the most unbounded amazement. And we were mutually astonished to discover how similarly the two colonics had programed; Also, we of Chippana were all greatly impressed by the superior adventages these poorle passessed. They had no ever-engroaching jungles to fight; no danger of attacks by savage beasts or men; no nexicus vermin aor insects. Their climate was halmy, equable, in-vigorating, instead of enervating, humid and bot, They could cultivate wheat, gmins, vegetables and fruits of the temperate some impossible for us, and whereas we were confined to a sincle valley surrounded by impenetrahie forests and jungles, they potsessed a vast, become our home and we hated even to think of dewe were greatly tempted to do so.

Their with provide both of versional constrained as the both of the second second second second second second second second laws to be determined by possible with the second se

So, having passed a glorious time, and laden with gifts of foods and other things that we had nover before pastessed, we hade the Pacetteans farawell and steamed porthward towards our Andsan hame.

CHAPTER XIII

The Mensee from the Moon

F it had not been for the Moon Children, we toight nover have left the Valley of Chincara and the entire subsequent history of our race would have been different.

When impose our returns fram Pacifics, we built of all we had needs and have to extend the base and a valuable intervented, but the propher sentences we have a high structure of the sentences of the sentences of the intervented, but the propher sentences we ill a satisfue high structure of the sentences of the sentences of the intervented are returns, our secondariant the fraction of our properties of the sentences of the sentences of the intervented are sentences of the Marcecore (the sentences of the Marcecore (the sentences of the sentences of the sentences with it as classically particular to find the instant with its classically particular for the heat of the based of the first sentences of the sentences of the sentences with its classically particular for the heat of the the sentences of the first sentences of the sentences with its classically particular for the heat of the heat of the sentences of the s

Mainly three ware those who had some from Gauvin and other districts, and as it had been sumcomoul that all who as desared were free to go and would be carried to the southern land, they embedded upon our shup and called away.

But as I say, if it had not been for the coming of the Moon Children, we othern, no doubt, would have romained forever in Chineans. We called them the Moon Children, yet even now we do not know readilysly if they came from the moon. Even if they did not still they were a result of the moun's having ros wild. and as no one has offered a better theory than that they wave of hener origin, the name seems appropriate enough. Nother did anyone know when they first anpeared or where or how they came. To be sure, one of the astronomers reported that he had seen a strange mill or vapor rising above one of the continental measure on the moon, and later this phenomenon was associated with the arrival of the Moon Children. But for all we actually know, it might have been a column of steam and smake arising from some great longr volume in we really know is that they came, like the little brown min, and the great man-sating vertile, the colouradous out warning; that they sponged as if by maste from newhare; that they were the terrible, the most horribly gructome and uncomey enomies the human race in some remote junck or mountain dedle-to become bolder as their numbers increased and they even larger Or egain, for all I or anyone also knows to the contrary, they may have been evolved-produced-by Nature from the humod fetid air of the vart pertilential swamps and matakes, the signation functor and the rotoften repognant and hourible forms of life and vegetasupposition, and one theory is an good as the next.

We set to Oklassiss they spream it as a start too the data and entropy of the probability of the set of the observation of the set of the set of the set of the set of the probability of the set of

They game, as I are, at high. Who was the first is now them I cannot tray, but gendbing many new them at about the same time, for they arrived in numbers. Like myself, boose who first noticed them paves the timuge first throught, for we had income so accutatomed to constantly moving are and unioners forms of 10, that that we padd no hade to any that did not appear ducentor or parsing odd not through a speer ducentor or parsing odd not through the speer ducentor or parsing odd not through any the speer arrays. And these through all first now them, given no basedue above the twees at the date of the formed, base through the moon had eanth below the bettern in the work, yet a first givening givit motivated the valley, and the mountains, the trees, all sails objects, noted out in block ultivates. And above the dark mass of foresty, movierbour and common in the outfur motivations, was a a hit of freq or music triang from the sharp coolines of the start of the start of the start of the start of the Vet thin spaticality field of any or approved to move and remain frame and fail and grante in a most transitide frame, and then granted the start cooling of the transmer, set that reg starting was attracted to into

Approximation more downly and porting at it more intenty, i was accurate that it was not mint nor for at all, but a cheal of pub, solutions, alliar constraints of the solution of pub, solutions, aliar constraints and the solution of the solution reporting constants were however, fulling alout, growreporting the solution of the solution of the property of the solution of the solution of the property of the solution of the solution of the property of the solution of the solution of the integration of the solution of the solution of the integration of the solution of the solution of the integration of the solution of the solu

If was not even sure how they moved, whether or not they presensed wingt, though I book it for granted that they do, nor could I be at all certain of the forms of heir bedies which were so pake transparent and wraith-like, that they appeared formizes in that faint, decentry limit.

But it the time I did not really endescent to study them with any grant care, but valuated them for a farmoment in rabber emergy carriesty, desman them a new species of grant insect any worksmarg, half care first and these phanement theory to exist an studyed haven in the heigh of streams for moments even synar, and then, when they had howr their youl hords and with fairy-like weight, had cannot first into the open only their freedom should endure for only a faw hum and them.

Wondering also if these giant insects-for I judged them to be several feet in length-would Be deal, bedraggied, insentable things when the sum again reas or if because of their greater size they were granted a longer agast of life than their tity relatives, I turned and resumed my way towards my bane.

HAD gone perhaps a quarter of a mile, when I had a strange sensition of being followed, of some impending danger near me. I san not a nervous man nor am I catily frightened, and I had faced perils far too ening me. Yet, when I turned and glanced back to see if by chance some wild beast might be near, and naw nothing, a cold chill ran up and down my spine. I had a queer, uncomfortable tingting of my scalp, and a wave of unreasoning, half-moneratitious terror swept over me. With an effort I threw it off. There were houses near-their lights glosmed brightly through the trees -and it had been months, yes, years, since savage men or heasts had visited the valley. Then once more that or beasts had visited the valoy. And ence make that atrange, inexplicable folling of something uncentry, should sweet aver ree, and at the same instant I seemed to hear a poft, almost inaudible sound from the air above my head, a sound like a low sigh or a deep, indrawn breath. The blood accent to freeze in my healan, an glancing fearfully unwards, I saw a faintly

Trembling in every limb, my skin prickly with goose-

Little gravity, I crede at the Mag, and hendy the set is been at the model of the Mag. Set is been at the set is been at the model of the Mag. Set is a set of a probability of the more set of the set of the set of a probability of the more set of the set of the set of a set of the more set of the set of th

As I neared the house, where excited values were alling to one sucher and fugures were colliacd in the beam of light from the open doceway, I passed close to the correl, and a I related by I parteel, hardward in missikit, thing had rises workity from within the correl walls, to be followed by a second, a third, a dosen phonty things that assume to blend and marge tapather ation is working, diffung colours of huminability that

Decembra in the result of the second sector of the sector of the

"The correst" I patrid, striving to regain my conpourse early by beam. "Takey was look in the series". Beaming lights, we harried to the atomovable onpeaked ecoulogy against the forebox with their symphonic ecoulogy against the forebox with their symphonic ecoulogy against the forebox with their symressource them. Openhas they are to some any symressource them. Openhas they are to some with the resource them. Openhas they are to some with the resource them. Openhas then strive any series about. For a noment we now multiple ground. Then, in occorrer, we are a duck mass upon the ground, and with outgright forebox. Uso the setting the the normal of the symplectic terms of the strive setting the symplectic terms. a large hold: I hav coreants but the revolute was not been heating. The second heating of the transmission of the pairs of our indice, bits eart related on encodingly, much come in pairs from the distanceal heating. The pairs of our indice, bits eart related on encodingly, the light of the near heating of the second second second the light of the near heating and the second second second second specular to heating of the second data was an experiment of the second data second second second second second second second data second second second second second second second data second the second second second second second data second second second second second second second data second second second second second second second data second se

What terrible thing had happened? What fearful thing had inflicted these wounds upon the bull.

And as if longest or thus on phonon strong weights in things that has different a physical fraction is correly, the sharps that has a different a physical fraction is correly as a strong strong strong strong strong strong strong strong means and a cry, half-graves, had frames fract insus fractrong strong s

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ONCE safely within the house, and with hright light on every side, our terror vanished, and though still shaken and perrors. I told in as few words as nonsible, what I had seen, and declared that I was positive that these new, uncanny, apparently bermises creatures had attacked the hall and like yampires had sucked listened to my words. It seemed incredible, too terrible shortly, winged, bloodthirsty beings could be infesting the volley. Yot we had seen so reary strange incredible haupenings, so many regulatedry herrible heasts and men, that even the most incredulous of men were prepared to balleve almost saything. Moreover, my story remived confirmation from the wife of the earner of the house. She had remained with her children indoors while we had visited the corral, and the had listened to my parrative with wide, frightened eyes. Then, as my story was ended, she told us how, that name evening, the, too, had seen the shoetly beings. Else had glanced out of one of the windows and had seen what she mistock for a wisp of vapar hevering over the true beyond the gardens and corral Low-bying clouds or masses of vapor were not at all unusual in the valley, especially after sundows, and the world have given this no further thought had it had appeared to move, to twist and to sway about with definite and rhythmic mexements. Wondering if it

we do to the effect of locking thready lates, also had togethe the dotry, but by the thread had reached togethe the dotry, but had the start had a together provide the start of the start of the start of the foregetten all about the instance, until data has been provide the territies, meansuity harding instance wavevers of the territies, meansuity harding had the instance being as well to deal the history but the vers is not occurring, were the myst data presented the territies, meansuity harding and the territies and the start of early hashing. In a event well as a well as the start hashing a but of the start of the start of the but the start of the start of the but of the start of the start of the but of the start of the start of the start of the but of the start of the st

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By which a few mesonic from the time when I had old of the specific except value of the while, which is the specific except of the specific exdition of the specific exception of the specific exone of the motor registerd—between the specific exercises of the specific exception of the specific extension of the specific exception of the specific exension of the specific

The reports more than confirmed our worst facts. Hundroid or people told of having some the discrthough more had considered them more than mint double people and the source of the source of the source of the factor of the source operations of the source of the factor of the source operations of the source of the factor of the source operation of the source of the source initial data with the source of the source of the source initial source of the source of the source of the source initial source of the source of the source of the source initial source of the source of the source of the source initial source of the source of the source of the source of all was the fact bat to replice were mode moment of all was the fact bat to replice were mode moment on the source of t

That much was a terrible ordeal for everyons. Usable to skey with the throught of these plashity, mayturizes, almost integriftle beings in the vicinity, we say and wildle through the barge heart for draws. Twice more we heard the blood-turnling rates of exitin and howe what howerlike revolting access were taking plase in the cornel, and from time to time we recovered word of similar traceoffee brought encoded decoheres. But pray dawn came at leat. The war new above the mouthing, and as the waips beams fooded with null that and hards store a lead to be worked once more came to life and the terms of darkness lead, we saredued the waiter, this difficunt jurgits, the air, for signs of the shortly, biss difficunt jurgits, the air, for signs of the shortly, biss difficult without the target. For there, was as sign of there, and as reports from every motion more the meraw, we double that the stapet. Jor there was an sign of there, and as reports from every motion more the meraw, we double that the stapet. Jor there is been a start of the second the start of the stapet leagned to be the second the start of the stapes.

CHAPTER XIV

Open Fire

Let due to the of ear, which the two shifts of the two shifts of

Bat worse then the horror of the tragedies, worse than the less of life was the fact that we were so belpicas in the face of this new menace, that we had no means of combaling the ghastly creatures. To be ized, if not entirely obviated, by the people remaining indoars with closed windows and doars after sundown. solve the problem nor destroy our bloodthiraty form. And to cover within doors through the long nights. cries rang out in our cars, to live with the knowledge that somewhere, close at hand, the indescribably horrible things were hiding, waiting only for nightfall to come silently forth, to dance like disembodied snirits above the trees, to drift down and suck the blood from any living thing they could find, would drive everyone to perrous breakdown, if not to insumity. Such conditions would absolutely destroy our morale. In fact, this one night had resolted in panie. And had our ship been within reach, there would have been a startvalley and nock refure in far off Pacifica. Already we had communicated with the people there, had appelled them of what had harmened, and had asked if they, too, had enfered. But they had seen pathing of the Moon Children, an they were later called. Also, we learned yrouges, and they offered to dematch their own ship at once to and us in decerting the valley, if we decided to do so. But even if, driven frantic, hopeless, by this new ban impossible to do so for days to come. Our own wrand would not return for at least eight or ten days. and we shuddered to think of what might happen in those eight or ten days.

No on some and the is a tagent any resonably fracts the final for glasming or dataryng its harmhar errors there. The delarge them is sense 11 we wave to arrive the delarge them is sense 11 we wave to a series wave supervision access to face that for sense wave supervision access to face that for sense the delarge the delayed is majority of the ling form anables universe suchers planct. It was to delarge the third works dense delarged the delayed to delay the delayed the delayed the delayed to be more, and these creators— if resulting layed to the delayed the delayed the delayed the delayed the theory is the delayed the del

But if they even from the moon, it say much matters were, or so is second to corr distrangith minds, we can be added and the second second second second we of carticles were main similar for. Include were large to dark them, to destroy them? These brides to the second main of the terribic things, by dense average were mainted second second second second second were mainted second seco

All these form, these problems beet up, as we net and discussed and regaration and tred to formalise likes. The net resurces the specific term of the systemetry, house the second second second second systemetry, house the constraints with the second second systemetry, house the barres of tending the second compaise terms the barres of tending two could accompaise terms the barres of tending two could acompaise terms the barres of tending two could acompaise terms the barres of tending two could acompaise terms that the tending tends the tending tends the things first, but to wais. Aced meanwhile the west planning that would come academ and the west planning that would come academ and the second tending that would come academ and the second tendence terms and the second tendence terms and the second tendence terms and the second tendence terms and terms and tendence terms and terms and tendence terms and tendence terms and tendence terms and tendence terms and terms and tendence terms and tendence terms and terms

All we could decide upon was to keep everyone within doors except a patrol of volunteers, who, arreed with firearms, were to best the efficacy of their weapons upon the sampirish things if they appeared-as we felt apro inexpressibly hrave men those follows must have been to have volunteered to face the mysterious, perhaps uncarthly beings, alone at night. Yet there were others, whose courage was perhaps even greater. These were the aviatory. We had secured some additwo heroic men offered to fir about the valley during phantasmal creatures they care. I shouldered at the more thought? I felt absolutely namested at thought what might happen. They might surround the airto earth. Or the things might be enraged to a point we dreamed they presented. And even if the creatures were killed, hurled aside, cut to hits by the rushing machine and its whatling propeller, the seneation of ploughing through them, of being surrounded by them. was enough to make one shudder with horror.

But the two aviators were not men who presented pergent and the meaning of superstilling.

WHEN THE MOON RAN WILD

Veering suddealy, swiftly rising, the place dashed, with a deafening roor, above our heads, straight at the column of misty cohemeral things.

> arranged that each pair of man should cover a definite section of the valley, patrolling those por-

> > tions meaned the largest herds of cattle and the most herases, and oppetially where the horrible things had been need or had committed their ghaseby depredations on the perceditor night.

> > The may pair I had noteend where I had noteend where I had not the sighthorized where I had not the sighthorized where I had not the sighthorized with the sight of the sight had not sight and through a three sighthorized with the sight had the sight of the sighthorized with the sight had the

There were increding a line that excel stant up before their heuring argines and survive, they deshard, and then building straights and survive, they deshard, and then things, no described, were mixerable, fragile, ridicultum beats, that would be greased to be ke, knowled tripts and sirt, straterly districted by the more wind mode by the modeline. Bother I said the the sixth works of my shift had almost spart one of the creations? Yes, they increased, here yields the baseling, bays indigit and correst bays, in third registrings, they were just ame sets of spart mesories one and no mete ble bursteded.

So, on the con much towards the west, final arrangements were made. The people were battracted to stay shut within their branes as duak set in, and the volorteers leaded to their versport and started all, while the two aviators filled their fad tanks, went over every pertion of their machine and started the moder preparatory to their correspond-I might asy maily essenagouidadventary.

It has been agreed that the man should go is coupled, partly the gravitone starky, but happed hereits to manperity the gravitone starky, but happed hereits to manter Moon Children in the mitphorehood. My comnucleon was a graving follow means diameters, for it had not within the stark of the Twen are more storm (store the Moon Children in the stark of the starks of the above the starks and the transmission of the starks of permutif if the things appeared and were situated, but also become, hering near the hereits and were starks of the means of the twenty had not starks. This the starks of the means of the starks had not starks of the starks of t

We set out, skilly seven men, all told, just after rundown, and started for our various nexts, it having her last home-bound parrots winged their way with harth ories softened by the distance, crickets chirped in the readile works, frequ trilled, and birds settling to rest in the thickets uttered queraless, plaintive notes.

I glanced at the forest, seized Jamesed's arm and

pointed with abaling finger! There, just as I had seen than before, were the wrath-bills forms, grating, damping above the trea-tops. That these frail things could be a chaight, that they could do have to any living thing, seemed prepositores. They were more headfill than will springer, fairbin moving in an all had does of may here of the things from the very marrow in my house as I routed elimity at the waying aware.

I fell rather than new Jameson shoulder. There-"They-they don't look despression," he whitped-"They don't don't own look dive, rest, "Low-ye look diverse that they are also been been been been blackling should be they are also been black radius mysels, controlled my vette, "Test," i whanered, "know, like they are real they are alive. They are danarooms don'to service!"

As I spoke, I cocked my rifle, determined to learn if the phantasmal things would die like mertal creatures the thickest portion of the moving horde, and from the The two reports reared out like one. I naw the misty column of forms sway, rook, awing back and forth, and then once mare its rhythmic motions continued as bohad dropped to earth, nothing had happened! I stared at Jameson and he gazed, wide-oyed, at ma. roar of the airplane interrepted our unspeken thoughts. we had found the things; they were raching to the attack. A minute later the encerting machine appeared, flying low, sworping towards us like a gigantic black night hird. We ebouted, waved our hais, pointed transeds the things still dancing above the forest, clear,

Through the year is the pines had already seen them, propage our periose revealed the things is them. But periods our periods the things is the term of the term of the pines and the term of term

TURNING, we related issued: the noticester piece. Then a we see one use: I, we build, or outputs, makes that a we see one use: I, we build, or outputs, that a set of the second second second second second that a set of the second secon

The two aviators stumbled from the machine, staggered like dramken men for a few yards and threw thereafters much the grating. "Lord, it was horrible?" one gaapad, "It was like driving through-through jully! And their eyes! God, will I ever forget it!"

"And the steach?" the other exclaimed and spat. "It was so thick you might have out it!"

"Ret what were they like?" I soled. "What-" My question was prever finished. With a hair-raising scream Jameson leaned to one side. Instinctively I sprang back, tripped, fell sprawling. A faint homming. na, a parring cound, drew my even upward, and horror Drouping towards us with incredible speed were two of the terrible things. Like decomposed fish they seened to glow with a famt phosphorescence. About their shapehas, selatinous bodies was a faint shimmering halohis the ranidly maxing makes of a wheel. But I scarcely saw these details. My senses were fixed, rivetted upon their even! Even! Desens, scores of heleful, unhänking, inexpressibly cold and groal orba that glowed like coals of green fire within rounded master of transporteri felly! They seemed to hyuneting me, to rander me devoid of speech, of motion. An instant more and they would be upon me, at my threat, superprint my furglar win. I tried to shrink away, to cover back, to acream. I was gripped, locked in that awful numbing belticamens that one experiences in come terrible nightmare. And then, as the things scened upon me, as I saw with insane terror leng wavering finewra reaching towards me. I was deafened by a double crashing roar, blinded by finishes of flame builds my head. As though hurled upward by a spring, ting boats in a tempest, and then, slowly righting thenashes, vanished in the dusk, having behind them a overcome with nausca.

"Dimby I based one of the aristom speaking. "Thethyle not normal" be appeared. "I'll seven I put tee builds square through the things and....." "Bell" exclamati the other. "Disit's will be avid the plane? They're mortal all right, only they're no dersed polyn, builds don't kill 'em. But they hurt' em all right. Dis you see the way they jumped! And it seared 'em off ise. I....."

The distant reports of guardie interrupted his words, We sprang to our feet. Sensowhere across the valley others of the patrol had sighted the things, had fired upon them. The availatest dashed for their markins. "Game on!" one yelled. "They're over there—to the parth. New we'll make hash of 'om!"

Sourcely knowing what we dif, forgetting that can deline were to patter the neighborhood, Janessen and I charkered into the machine. The axialist were to main the horizontal could be a start of the second or gladiness and membrasons holds a short it, we have it discount of the main start of the second of gladiness and membrasons holds a short it, we have a start of the second of the second of the short of the second of the second of the line of second start correctly.

With a rear the motor sprang into life. For a memotive width, burged over the regular persuit, and blar, like a great, hend-original thick, we rese and west (tubent strength) and the strength of the str

my eyes. We seemed enveloped in almost solid matter in-yes that was it-in thesh felly. And the stenchthat awful oder that was like a mixture of dead fish, of carrion, of acid fumes, of burning brimstone and of all known malodorous things on earth, asymed thick enough, heavy enough to be tangible and visible. It was all over in an instant. With a sudden acceleration of speed, the plane was again in clear air. But the pilot was not yet through. Wheeling the machine until it seemed to stand upon one wing-tir, he headed hack things. Once more we ploughed through them. Again and again be turned, dashed at them, hunted them down, chased them as a hawk pursues a fleeing reallow, until my head swam, until I was diezy, nauscated, halfconscious; until not a single dam white form was visible. Then only did he drop earthward, and like a glatted hawk, come to rest.

CHAPTER XV

Deliverance from the Heavent

We find the mather of the part lume result. The the second second

But the two men had been driven slowest wail by the terror of the things sweeping at them, and as our machine descended and they realized that the creatures had been destroyed to the last one, they dropped, weak, helpless, utterly exhausted, to the ground. The next instant they were overcome with violent names as their nostrils eaught a whilf of the stanch emanating from the plane. Oddly enough, we who had been in the midst of it, had acarcely noticed it, for as is the case with many vile odors, one's olfactory organs or nerver seem to become dulled or immune after the first few whiffs of the stench. But the fellows' sickness produced by that revolting smell was redoubled when they saw the shastly objects that fairly orvered the airplane. Even literally been showered with torn, mangled, mutilated fragments of the things' bodies, felt a hit faint as we gazed at the evidences of carnage littering our machine.

The provider was wrapped in strips of limit fash, beingen with minimum mattern and the winar were beingen with minimum mattern and the winar were beingen with the strips of the strips is the measurable of write large strips. A more the accumutation was an end of the strips of the strips of the being strips of the strips of the strips of the strip ball here exit, manging and erunded, yet from them we obtained a fully great like work and the strips of the strip ball of the strips of the strip ball of the strips of the strip ball of the strips And in the midst of this burrid, gelatineus mass was a long tube, could like a clock spring, and bearing at its lips a circular much, where edges or lips were stabded with hundreds of ramer-sharp, harces-like testh or Nodes; the devilably designed segue that rankbed the things to here those most round holes through skin and fich and suck the block of their victures.

We sholdered and full faird as we contained them, as we thread the threak schemes of the threak deep into our which, that it was the feeling flue way to the very between the threak schemes of the schemes of the between Again the forced incursite of spin-blace concetions. There was work to be deen, disaptive thefore an intervability of the forced incursite of the pathol, for I had account of these builtiers at the pathol, for I had be created with the traceful counting.

There was no necessity of detailing all the events of that night. Everywhere it was a repetition of what I have already described. Wherever the things were seen the airplane rushed to the scene and annihilated them, until its fuel was exhausted and gray dawn lightened the eastern sity.

Tet strengthe all corr stigliones, despite the strengt dostructures we also strengts dargited through a the are created as the strength of the strength of the terms, and frame remember of the particle glocks, more created and the collessions half. Falsh variants is the blat stilling be take of their trange, hereafte each. The blat stilling, and though we do not not be the blat stilling, and though we do not not be the black of the strength or the strength of the strength backgib thang, and though we do not not be many resenged an a-still we full there could not be many resenged an a-still we full there could not be many resenged an a-still we full there could not be many re-

How little we knew of the incredible herror of what we had to face!

That night the denominal timps second to be as immerous as ever. They were verywhere, and though no himma lives were load, the loss of livesteek was even greater than before. Where did the apeetind hings econe from? Where did they hide during the day? And what would be our file when—as would some be the same—over find was echantsed and the airplane, our only means of duringing them, would be modes?

THERE seemed but one solution one possible way for saving the Bress of any inhelicance of the acerrord value; to the to Parchia where, so we learned by ear radio takerspin, there ind hero no a size of the Mosa Children. But it would be a week ere our ship would arrive. It would ready would be arrive our people to embark; it would take acceral trips of toth ships to transmort an all and each thir would because meaning where weeks. It would be mouth inform the thousands of inhibitings of Chinesan early for removed, burguber with their proceedions, and have baffer this-prove, within there weeks at much-new would have used the last of the singular be uttraff produce. Simular, for moles protection, would be uttraff produce. Simular for human's of same of man, woman and children, appeared to be deemed to a terrible and uttrafficient in the same of the same of man, woman and children, appeared to be

But we made an even more disconcerting discovery each battle or to the hundreds of creatures that had failen to ourth dead, tern to bits, during the serial carning. We had been for too husy to better over such zards. Then one day we discovered that these carries the decomposing roles, we took stone to dispose of them. Judge of our unspeakable amazement, our indescribable we had hythurto soon or faced was so terrible, so ghantly an what we new saw. Each strip of membrane (no, I must qualify that, for it was only when there were masses of those frogs' egg-like portions of the heads that it was so) was a living, larva-like thing, a terrible, revelting, signatic magged! But that was not the worst. The accumulations of shattered, mutilated rewe unfersteed the reason. The larval things growing from the jalbalike fragments matured with amasing rarodity. In an incredibly short time they had become destroyed, the more arose to beset us! We were liter-

No wender we had neen no diminution in the numbers of the things. No wonder that, despite all we eliminsted, each night brought as many more. It was a hopeless halls, which eventually must overwhelm ust

Yet partapes we were not yet less list. By uterry doterrying the fragments as fast as hav were besught down we night yet with, might yet be gaved est own present fast list of a set new were correctly and the should take of barring and thus barying the monglob pression have been been been been by and were bland in and hind money darkened the site, and the should take of been list of any or the charred, abirthub chard and black money darkened the site, and energy black decide there. A well be charred, abirthub, abirthub the site of the charred, abirthub, abirthub the site of the site of

And though the members of those still living seemed iroak-slable, through night after night through the slam, still hope again rows in our hearts for each night there nosmal fewer of the swarms and the swarms appared mailer.

And at last we discovered their daylight resting places. We had searched everywhere—had accored the fakia, the groven, the jungke in our heart for the things; besten the underbrash, examining aver, but all in vain.

"But one neuroima as with Pearls and Pathe Atombo I was making the brandt, toxing that to remain were left minemed and unburtled, we passed for a heir's rest in the theiler at hick neuros of terms in the cost a we're ense shuid, I baggend is glues up and itself term hads were rest maters, increase peaked conversioned, the grantic beames of dorf, and proceeding with the left grant beames of dorf, and proceeding with the thing were. This subdect I new, understy I realized the truth. Targe were the sharely, vanarish, awall things we had as long month without result! No larger were they mitty, while, intraincent, ophemnenilooking creatures. Seatland with their feast of the night before, glutted, swaller, died with the blood of their vittims, they were cliquing, langing to the branches, to one another Eike greats pt-beliefuld bets!

Padre Antonio crossed himself fervently and muttered a proper as he gamed at the borrible things, a thousand times more herefole than they had ever anpoared when dancing, like disambodied spirits, in the moonlight. Frank shuddered and an exaculation of horrer came from his lins. I falt airkaned and revolted at the sight. With all our senses focused upon the repulsive things we had not noticed that the sun had disappeared, torrential shower poured down, the first real rain we had had in weeks. Thankful for the shelter, we dodged amazing thing happened, a thing so harrink, I still see it in my dreams and awake percanting. Above the roar and patter of the rain we heard strange sounds from the loos, high-eitched supeaks that grated on our zervas like files drown arrows our treth. The next instant a great, dark refered body came hurtling down from far above. It struck the sodden earth with a borrible, squashy thud, and like an overripe fruit, burst open, lated blood-upon trees, earth, and on all sides.

Burrels to ended any, before so could be, another the source of the source of the source of the relation of the source of the source of the besrial hand with the source of the source

As this question came to us Paker Asteniy's lips abut in a firm their him, and turning, he standed ddiabut in a firm die the prove where the things were stalfuling like widdhews, fruit. With an effect I forced myosif to follow, and Frank die the same. There was only one means of knowing the truth: to investigate at once, and horribly regulates as it was, we forced consider to toke.

difference in the basis. were fulling pays, there were no more to full, have the greand ways like a standard the field, surfal steenk of hield ways information in the basis of the strength of the standard strength of the strength of th

But there was no sign of life in any, and as the rain trickled down and fell in streams upon the bodies, we saw them melting, actually danolving, before our ayes. In the vender of the thing we almost formet our horzer and the names that beset us. It was as if the things were made of gize or pasts.

One moves a lark mapped however, the second second

CHAPTER XVI

Chincana Avenged

A³ If an assert to our proper, the rela field allow the first was seen by the patch is and the 's till and form start to the patch. Not a shift be a till constant rightness, the patch is and the 's till constant rightness, the patch is and the 's till constant rightness in the start of the 's till constant rightness in the start of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant rightness in the latter of the 's till constant's the latter of the 's till constant rightness is the latter of the 's till constant's the latter of the 's till constant's till constant rightness is the latter of the 's till constant's the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the latter of the 's till constant's till constant rightness is the 's till constant rightness

The very fact that they appeared so susceptible to refu argued in favor of their lumar origin, for our astronomes (as overycen now knows) had proved (at least to their own satisfication) but the moons was practically railons, that there was no actual watera owe know water-upon our satelling and that the areas that I have railorred to as "sate" or "eccans" were, in reality, marely to deeper vallary.

Of course, there had been heated arguments among of the things having come from the moon. Some deciared that it was impossible that they could ever have dualt there. They asked how blood-enting creatures could not sustain warm-blooded or even cold-blooded creatures. To this the supporters of the theory replied that, in the first place, just because earth-azimals repaired water to subjist, did not prove that junar creatures resulted the same. They printed out that-in the on earth-many creatures (both warm and cold-blooded) called attention to the fact that innumerable forms of versetation rould (and formerly did) thrive without water, drawing their necessary supply of maistere from the atmosphere; that these vegetable forms growwater, and that animal life-even homan beingscould secure enough water from the stored supply in the plants to sustain life. They slao reminded their orgenents that the Moon Children, as they were already called, were not susceptible to moderate amountsof maintains, that they had been seen repeatedly as minety, fequer values and has the maintains upon the source of the second sector of the second sector of the takin vegetation of sector as well as a samella fee. Vege probably, they address the second sector of the second communication performs mean related to the second sector of the second sector being and the second ferred to use the sector beam for the second sector of the second sector beam to the second sector of the later sector of the sector beam to the second sector of the second beam of the sector beam to the second later sector of the second beam sector is initiated liveding to the second beam of the second sector of the second sector of the second beam sector of the second liveding the second is the second sector beam second second second the second measurements being second in the second second second second to the second second second in the second second second second second second second second in the second second second second second is the second secon

But the opposition came back with a query: How did the thingo get there? How could any living things areas nearly one hundred thousand miles of space if they could not survive one day's exposure to amilght?

Namely no me wold answer that quantum. But mether could agrees acquisite hypercentrol happeriors to builtan should be instatutly Killed by rain; why beings whose appearance wold indicated that they were matter creatures should for is the star; why their bolies should produce in the nominal that distant freedoute hills discover hills on train staff a rain water. All we know was that the things indale testim water. All we know was that the things indale testim water, all we know any start, the things indale testim water and the should are a found public out to get and with the biased rain.

But there, once again I had wandared away from the thread of my story and have been digressing.

As I and, must of this things were seen that from right night and no downawe was counted by than. But it was fortunate that it all had been arithitistic by the inthe argonalized that all had been arithitistic by the country of the things appared. They were, however, quickly viewed out, and their remains—source the knew that water would disorber them—were quickly and compilety diposed of by this inpine means. They for averall weaks, there were majits when not spinterchain weaks.

There was no issues a sequentian about our people disting to mainten the Reduk. Or set reflects sequences, and the Reduk sequences of the sequences, and Cancon, hard semisheds of all low for the value, results and the result of the constant effect that you repair. All fight all level is constant effect that paper, and even the loss and his people-models builden we were all ones are historical builden the second paper, and even the loss and historical builden the weather all ones are historical. There was working at a people about the constant were reflect reader working to hald an Arrangement were reflect reader patients. There was

Object appeting of the binkname sends be emainted out terms in the set using and all metric terms the data distances. In our works we have the term data distances in the preferences, that matries me being and have the preferences, that matries me being around and in the life to its product to the being around and its the life to its product to the being around and the life to its product to the product we have a set of the set of the set of the set of the being around and the life to its product to the set we have a set of the set It was the rainy season, however, and as we were convised that the Meon Chiltren would not appear except on clear nights, there were many nights when we could rest from our duties.

Through the terrible things had decreased until only individuals or groups of three or four danced above the tree-tens where theorends had eavorted hedere, these few were in their way far more dangarous than the great swarms had been. They had lasened-whether by instinct or whether by experience I do not know-to fear man and especially to fear the airphane. Barely could vy come within rife abot of them. At the first distant roar of the motor they would whish out of sight. And despite avery precautics, they would manage to destroy our domestic heasts. Yet, in a way, their wariness and fear of human beings aided us. They could not discriminate between a man with weapons and an unarmed individual, and by posting men about the cattle corrals we found the things kept away, and thus many of our beasts were saved. But it required non of utusual bravery and heroic courage to pace hack and forth through the night, unarmed save with a cuight or some agricultural utenell, while hungry for

Hence only a few of our exiti-yards and reliested on pane were properly guarded, and as we feared to exhant our measure sugged of airplens field in attack, as single infit/domb or even upon groups of a few that, daysfic every effect, usually evided the attack, we really made little basilway and had to be satisfied if the thiosyst one berease in numbers.

So the time passed until at hat the two ships returned and a second cargo of people was sent autilword, until for the third, the fourth the fifth lime has had property remained in Chintoma.

THERE is was, as we particule the willing one study, more traps from 6 sharts that there will not man from the study of the study of the study of the lower from the upper any and to nor subscripted barry or normality of the study of the study of the study. There has been study of the study of the study. There has been study of the study of t

"Thus, from up the value" came the steer of the mosts are arbitrary one seed to star default boundary to be any arbitrary one seed to star default boundary to having it may next huit into that danspoted summary the farst boundary. For a start the start boundary method by the sufficient provided boundary of the packar sufficient from iddals a completely having and the packar sufficient from iddals a completely having and the packar sufficient from iddals as completely having and the packar sufficient from iddals as completely having and the packar sufficient from iddals as completely having and the making isological formed its and the iddal packar placers summer. Aveal, hypothetic by the iddal interaction is the makers of complete one boundary in the interaction placers summer. Aveal, hypothetic by the iddal interaction is the makers of complete one boundary in the interaction of the interactio

Despite the thousands that had been destroyed, deopite the great awach the machine had out through their ranks, the Mon Children second numerous as aver. Then, underly, without warning, they second to disintegrate, to thin out. The almost oblid mass horize

into hundreds of columns, into scores of groups, into thousands of individuals, and separating, whirling, rising rapidly, they variable in the sity. And as they heade ranks, orcerents, driven back, ranquithed, I must be alphane spin disaily, and then some plunging to earth

Horror-stricken we dashed towards it, galvanized into life and activity, shivings of the almo, neipy awful mass underfort, thinking only of the two heroic men whose lives we felt convinced had been sarrified in this cuto half is in a.

One planes at the shattered, twittad muchine contransformed our were fasts. The two invitates were dead. Yet even in our price and sorrow at Deel bas we realhead to be a straight of the straight of the straight head to be straight of the straight of the straight of logs flat heads in the straight, and we have dear heads and gave bhasies that no reard purchases the straight of the Mose Children. They had diseline up their ability were have

Revenuely their balls were carried from the score of builts. The rank of the significant sector were unditatable, and with daylight the two, who had ascritood their lives to arese them, were harms to the city and hild in other within the grant tample, whose maintive walls had score the scoring of hadred or grant sector of terms hahadron tamped and the score of the score of the hilds. These, there is no histoit preved to bell and the christian Goff for the rout of our senaredes.

Now that the simplane was cross and we had no defents against the horizon it from Childran, we fit target they would reserve their assault upon it. We realised that to atraged for father would be fathernered and a straight for the source of the father than a straight for the source of the straight here the source of the source of the straight here the source of the source of the straight here the father thanks in the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here with a straight here the source of the straight here the straight and the source of the straight here the source of the straight straight here the source of the straight here the straight straight here the source of the straight here the straight straight here the straight here the straight here the straight straight here the straight here the straight here the straight straight here the straight here the straight here the straight straight here the straight here the straight here the straight straight here the straight here there there the straight here the straight he

Survey to the second se

The here's pine was simply have work to kerrikly efteriors. It would experim more correct with would interpret the second second second second second taking the base. Given yields of the value y and second be utilized as the value of the value y and second second second be used as the value of and they correctly as the second second second second they could second second second second second they could second they could second sec

And as the ours out and darkness full upon the valley (for the moon would not rise until late) we should are pectant, kayed up, excited, watching and waiting for the faint, most-like forms we were sure would come. We had not long to wait. For days the things had henry without food itser must have been familialing, starving, every taok, converging it coherens, prouge, waverue, buportanizand things desse, gravitang, discord factors of 84mb and their expected facil. But it was the darce of 84mb does reduce by any development, we stead watting leving once reduce by any dwelling, we stead watting leving our gibts of time, as writing the flush of the from the long due to think, as writing the flush of the from the

Nearer and nearer came those swarms of the Moon Children. The very sir seemed filled with them. The air was deaded by them. The soft parring sounds of their swiftly whitring ellis rose like the soughing of a wind. Not until their advance guard second almost overhead did the Inca move. Then, stooring quickly, he touched fire to the pile before him and leaped back. Instantly hundreds of thy fames shared like firefiles in the darkness. With a cracking rear a vast ring of finmes leaved high in air, illuminating the valley, redhosts to palo-pink, undulating slopds. Great columns of lurid smoke rolled unward, showers of blazing murks roared hundreds of feet in air. For a brief moment the oncoming thousands of floating, whirling, dancing, terrible creatures halted. Then, like a reversed entaract, they poured upward, a rushing, confused, riotous mass fire and arnoke. But the thousand in the year were packed into an almost solid mass. The draught of the We now them shrivel, blacken, go flying off like the randers that surrounded them. By hundreds, by thousthe main body, and dancing, gyrating maily, with incredible sneed, tried to escape the fury of the famoa-

Never was three such a biscart, it was the term of the such as the such as biscart, it is not such that the biscart bi

Peasibly a few may have example. Who can say? But I deubt if one survived. We had wrought a terrible regrinal, we had utterly destroyed by valley we had lowed as well. But for the first time in menth we felt whelly and, whelly attinfied, whelly uttinfied, whelly wattind, where but the two berney, alsogning the stillant sleep within the hattered shape in the your burds, were aveged.

CHAPTER XVII

Pacifica-At Last

E Allar the next maring we left the city and the hardre, too a start, marking, Balancak, devantated and the start of driving our holes and briefs, and while the start is a start of the start of the start of the start test tests and in the oling the two shall start on the start test tests and a start was the table and the year of the start of the start of the start of the start start of the start of the start of the start of the semigration, and finaling starts calculations and the start of the start of the start of the start is a start of the start of the start of the start is a start of the start of the start of the start start of the start start of the start start of the No time was her in embaring. Basi-basi after buil-basi of Pays, hais nab bunils was forwed to buhtip and huited on based. Then the stills were sown out and huiteg one the dock. But is have alapped the There was not a backs, a derivit here a huiting ugino coupled of Hilling the gignut beauts. In fact we had sover ecotomplated attempting to embark the creature, and having referred them of their lader, we turned hum foor to even thank it will in the jumple coupling of Hilling the gignut of their lader, we coupling of Hilling the fignute of their lader, we coupling of Hilling the gignute of their lader, we couple of the source of the source of the source of coupling on the source of the source

But it is exceedingly difficult, however, for one who has lived to see on many repetial events of our history, who has been to initimately associated with the Multilaty of our eviliantion, who has played a net unimportant part in our straugely, who has personally assore sur revered how, satisfy Point Antoile and haven sur reverted how, satisfy Point Antoile and how the second how the second how have been berrers at the More Childreni and has have been be how the second how the second how have been historial to be an example.

To those of us, whose lives have been limited to curpresent-size constitutions and our eviliation, the past focum sugar, scatteredy more than a tradition of the size in the core in increasing the size of the size of the size destroyed, that turnars being alouid have bleft do not the size of the size of the size of the size of the acquiting of lands, the desire for wealth, the ambient for prover or because of religious babefs.

But, thanks to the Almighty and to the Ince Chulcis-Huaray and to gentle, loving Padre Antonio-though perhaps as much to the madress of the moon, such days of horror and inhumanity are forever past.

Today markind is satisf in an investigation of excesion durary for the bettermost and advancement of the etilize race. Joiotanes, intrigues, dreams of individual power as longer etail. We have no witch, no yoor 1 alhabene for the backs of all, there is no bid the intervension of the intervention of the state of the intervention of the back of all, there is no individual power of the back of all, there is no individual intervention of the intervention of the state of the intervention of the back of all, there is no only intervention of the intervention of the state of the courts on backers, no transfer no largers, no issues and the state of the state of the state of the courts of backers, no transfer no largers, no that wave of all efficiences have no more.

And if our reversed lines look down typen un-as to sarely must, and if good, lexing and lexable. Parls: Antonio's splith keeps watch over un-as it most usarely does, then they must be apprendly happy and oriented spliths. All that they planned and hepod to accomplish has been astruction (out), and the which they devoted they likely habbed and head, which they devoted they likely habbed and head.



IN store day of unergiveness and formation depression, with the detries for maintaining high insulated of theory and minisked, see might correct the an energial and the store of the Keller of gerr in this story, which he character instally call. "Secretic Fund." Adjournally and "character-back products and provention was wark-ad-up world and heing a resourced dramatic has concepted a vertable paradic. dramatic has concepted a vertable paradic. Service First

By David H. Keller, M.D.

Author of "Revolt of the Pedestrians," "The Eternal Professors," etc.

"Tasy have raised the rent again, Henry,"

He took off his hat, threw his cost on a chair, kinned bur and went to the built-in culacis that served for a bathroom. There he washed and prepared for survey.

His first common was, "These beans are better than penal Arliac."

"I think so. I bought them at a new store. Running a special on baked beams today. I saved three cents on the auroare."

"That is good. Now, what do they want next month?" "Seventy-five dollars."

"Fifteen more than we're paying now."

"Yes-only fifteen more."

He ate the hears slowly. After his half was all gone, be took a crust of hread and wiped the plate carefully. He drank a half plass of water. Then, pushing the plate away, he pave his decision:

"This is the end of trying to live in a respectable neighborhood. We have easylicod everything we could without completely lowering our efficiency as workows. There is only one thing to do and that is to move."

"I wish we could stay here."

"So de l. I roudd like to space a work in the comtry. I wurdd like a car of cone kink. It would be nies to be my own base and make snough no yest would also that down not exit in any base. I haved for a trake base down any et uit anywhere. I haved for a trake today and came near heira dischargod. The only way leaves et the only possible answer we can zero, is to leave and no and how with the foreigness. On," and be haved on the systematic present use to haved or baseders."

"That is your old-time humor, Cecil."

They both laughod, and he, encouraged by her omiles, went on:

"We have a winderful fine, modern, one-room spartment. Last year three were over a thousand apartmetric houses hull in New York City and all of them were divided into core-room apartments. We are miliating the beez we are living like the termite. And now they want eventy-five follars a month for this. A room that is a bedroom by minit, a randor by day and an eating

plase meeting and night. We have closed that now classifies a sitted as the start of the start of the start table the ball out of the wall. there is hardly any space table the ball out of the wall, there is methods could be start of the start of the start of the start of the event is the ball out of the start of the start of the consolities of the start of the start

"Nothing is free in life!" exclaimed the wife saily. "Yes, semething is. We can go up to Central Park and take all the air we want for netbing. Say, that is an ideal The air is free. If cathy we could live there!"

"Why not invest an air home, Ceell? You used to have the moot wondorful dreams. I do not want to have your feelings, but I really thought at one time, infore we married, that some of your investions would amount to assartize,"

"I tokad you there, my dear. One was more stal the other was esticated awayed and the star of the other work tong enough to waity galaxifty labor at an inverenced and the star of the star of the star of the star presents a gravite storiffs (avayed)erg that r. I have, to erwo still the idea. My dear, when you married a bilder of the star of the star of the star of the star works and the star of the star enclosed and the star of the star of the star exception by unique of the star of the star of the ty work boatson effective is a cancel as pretour ward the star of the star of the star of the star of ward boatson effective is a cancel as more as the star of the star of

Aritine started to cry. The work had been hard that day. The notice of increased rent was too much for har, so she essily passion from hyperrical laughter to uncentreliable tears. Corll pattod ber gently on the beed as he tood heads her chain.

He whispered, "Dou't cry, Mama,"

And then he threw his fist into the air and went on :

"Papa will find a way out for yor. You just trust Papa."

This was a way they had, of calling themselves Manns and Paper. They had no child. They know that unless a mirade happened, they never could have a child. Not it a thomased years could they france a bady in the family. Their tinion was no more a family that their apartment was a form. When they and the means at they did when they thinked abert litewas and a same as they did when they thinked abert litewas and a

S0, all that might Henry Coeff kay sheepless by the S elecying seman on the bed that was kt down out of a bole in the wall. He had promised bar that he would find a way. He had never failed bar. Rash had been his statement; almost importable hos works, that he would find a way-kut he had said it and he would find a way- and he had said it and he would said. have to make good. Sheep deserted hirs; he went into a brick wall, a hopeless future. Desperate, he dressed an hour earlier than usual, went down and bought a merning paper, and returning to the spartment, sat down to read it while waiting for his wife to respond to the ever-present threat of the alarm clock.

When he first glanced over the paper, Cooll thought that the news was of the usual uninteresting nature. The same things were happening. Three gangsters had stoner was confident of finding the murderers at enco and threatened to dismiss a desen detectives if they failed to deliver the guilty parties. Several society women had secured divorces and one had married for the third time. The champion home-run hitter had struck out. At the Conference of the Nations, the Seventh Agreement for the paying of the way debt had failed to secure the approval of Iraq, therefore everything had to start again. Ab! here was some real news.

Jones and Jankins had broken the air record for continuous flight, having remained in the air thirty-seven days and six hours. During this time they had been supplied with gas, oil, and entertainment by the service plane of The Universal Air Corporation. Continuous flights in any direction would some be a possibility. Service Stations in the Air! Why come to carth to refuel? A non-stop flight around the earth was being arranged for. That was news. Cocil was properly thrilled. And here was something else,

conflict with his landlord, Percival Provens, it normed, rented a twenty-five-room anartment on Park Avenue. Though many times a millionaire, he had one peruliarity-a dislike to own property in New York City. He was up and the landlerd was soking fun hundred and fifty thousand dollars a year more rent. Provens had paying more than the spartment was worth and that one of the greatest svils of the city was the high reutals. There was a statement from the man who evood the apartment house, showing that he was not making five per cent on his investment. Another statement that rents were no higher in New York City than they were elsewhere, considering the fact that the domand for apartments was so far in advance of the supply.

"Well, well?" exclaimed Henry Could to himself as he out down the namer and went out to the little, diminutive kitchenette and put on the estmest. "This rent problem seems to hit both the rich and the poor. Now I am sure that Percival Prevens could easily pay that He, evidently, is mad at the idea that someone is trying to reb him. There goes the alarm clock. The perfor clock scent late. Pshaw! wunder why they call it a parlor clock? Wedding present, Old-fashiened aunt of Arkine's sont it to her. Wrote and said the was sending us a parlor clock. Wonder how it would be to live in a house with a parlor? Priced those clocks. The without winding. Simply attach a plug to an electric light socket. That would be a good idea for a picce of machinery. Great to have a watch like that. Mine itslways running down. Forget to wind it.

In a few minutes Arline came out to the kitchenette. The hed had been put back in the wall, and the table taken out of the wall and spread for breakfast. dishes of ostmasi, two cure of tas, two pieces of bread and butter. Done! Now for the fight in the subway.

"I see," said Henry as they waited for the elevator. "that Perrival Prevens has had his rent raised."

"Who is Percy? A friend of yours? Better find out baarder and have him use the clothes closet," was Arline's countie rentr, "Ecter think fast, Henry, dear, You promised me we could stay if we wanted to"

"I am thinking about it." replied her bushand, kisaing her good-bys and dashing into the subway.

When he was in the daylight again, he saw a crowd wathered in front of the office building where he worked. He joined it and finally found what it was all about. A man was selling rabber doils that could be

"Blow 'em up and see 'em stick er tongues out," he was showing

Cooll reached over and handed the man a dime, grabbed a doll and rushed to the elevator. As eccu as he arrived at the office he wrnt to the head of the depertment and asked to have the day off. "Mother-in-law dead?" asked the man.

"No. I just have business."

"Cannot spare you today

"If you co, you're fired."

"All right, and you can give me my time. It's a dog's work for a dog's wages, anyway. I could earn more with a shavel, working in the subways."

HALF an bear later Ceril was on the street, jobless, with his hands in his pockets and pothing else. He went at once to the central office of Universal Air Corporation. In one way and another he finally reached the secretary of the President. This individual was supercilious and arrogant. He finally agreed to make an amplintment for Caril to see the President at ten e'clock on the thirty-first of the fellowing February. The man, without a job, walked out. Ten minutes later the secretary received word that his wife had been hurt and was in the Methodist Homital. Naturally, he reached for his hat and hurried to her side. As he did so, Cecil named birn. Three minutes later the hopeful inventor was standing at the tide of the President of Universal Air Corporation.

"I just had to see yor, Mr. Provena," he said, "I could not wait for an anneintment. We have a great deal in common, and I wanted to talk to you about it."

"Did you see my secretary ?" thundered the busy official

"T 654. He, naturally, refused me an interview. He left the office soon after and I came in."

There is nothing wrong with your nerve !"

"No. But listen to me. I had my rent raised yesterday and so did you. You probably feel as sore at the day and so did you. You protanty reed as new on the real-estate swmers of this town as I do. Now, you are in the airplane business. Your company makes them, You want to see as many planes cold the next five years as Ford used to sell automobiles. I have read your articles in which you state that you want the notion to become air-conscions. Are I vight? Now, surpose I give you a few ideas that will help you sell planes and, at the same time, give you a very sweet reveage on these property owners? Suppose I tell you how to take so many percie out of the apartments that the realtons will be begging felks to reat their places? Would that

"You must be another inventor crank."

"I are, but I have consthing worth while, Will you listen to me? Will you give me half an hour !"

Under ordinary circumstances Provens would have had Coold thrown out of the room. But he had a ten o'clock appointment with a man where he disliked. Here was a way of escape from a disagreeable inter-

view. He called to one of his assistant accretaries and canceled the engagement and gave Cecil one hour of the

"Now, here is my idea," said Cool, sitting down on a chair right across the table from Provens. "Airplanes are chesp. Fifteen hundred huys one and twanty-five hundred have a larger one with a fairly large cable. I want you people to build a safe plane with a wonderful storme and as large a cabin as you can. The maximum cost ought to he three thousand or lass. Sell it on monthly payments. Then fix up the cabin so two perstay in the air indefinitely, so long as it can be serviced. I see that your company is thinking of building sir pervice stations. Am I right? Now, when a young couple want to marry, they simply buy one of your planet. They live in it. All the comforts and nocessities for them and the plane are supplied at a nominal cost from your service stations. They have no rent to INT They own their own homeolane. How is that? In different parts of the city, erect large takes. They fy to those tubes. The service includes parking priviground in a circular escalator. When they are through work, they go up the tube, enter their plane, and spend the night in the air. If they want to poar, they can do no. If, on the other hand, they want to on to one of your air garages on the outskirts of New York they can simply fly out there and alight on one of your serial masts. The cost of the plane includes a certain amount of free service, say, for one year.

"You sell, not only the plane, but service. Of course, the things like gas and oil and feed and entertainment would have to be paid for just as they are now.

"I know what your objections are going to be. You will say that the cabine cannot be furnished. That has been thought of. See this doll? It has a tongue, but when there is no need of that tengue, it remains in the mouth. Now, surpose the child that owns this doll wants the tongue to stick out, all he has to do is to blow some air up the doll's lay and out comes the toppue. That is the way I want the furniture of this cabin to be; made out of rabber. Man and his wife come in the plane and want a little surport. They press a button and the rubber table is inflated and comee up from the floor. Supper over, they simply deflate it by pressing another hutton. Time to go to hed, another button, and up comen the bed out of the floor or the side and it goes hack. Have the doors the same way. Press a button; out goes the air and the door opens; press another button; in goes the air and the door blows up and fills in the doorway."

Perrival Provens jumped out of his chair.

"You stop talking till I come hack," he called as he

And that is the end of my interview," meaned Henry Cooll to himself sadly, "Don't that heat all't Going nicely, and said just one word too much. I wonder what it wan?"

But the President note returned with three walkdressed young man at his heals. He interdeced them to Cecil, and, coding, taid, "These man are from my Department of Invention. Follow ment to have a reacullar idea of inventors. Long-haired, nolitary chard, who gathered egg on their vests and starved to death. That is all old-fashioned. Practically no incention of today is the work of one man. I have an idea, just one idea, and I give that idea to the inventors in that are of it, and finally we have the new instrument and it is really the work of a dozen fine chape like those you not here. I brought them bere to listen to you. Becaute you have an idea. You don't have one idea ... you have a dozen. I want them to take notes of your lecture. Start right at the beginning and tell them all about it."

"ECIL breathed a sigh of relief.

CECIL breathed a sigh of rend. "I thought you would not like it," he said

"Like it! Man, it's revolutionary. We will show folks how to live! The ground is rather will hourit up, but the sir is still free. All we have to do is to keep quiet about this till every feature of it is patented and then we will take their pour people out of their the air and, at the same time, he in their own homes, Will they do it? I'll say they will. When automobiles were so popular, do you remember how they used to go across the continent and camp out? I will make it possible for them to do the same thing with a plans. Every town of any size will have a service station for tourists to land on for the night. Service, SHAVICE FIGT. What care I haw little I make on the first price. of the plane so long as I can sell service! How about the safety ranor? Do you remember the time when they gave them away just to get new customers for the hindes ? Go on tailung. Empty your mind of the whole matter. Taik as you never taiked before. Fast! Bors. listen to him. As he talks, make notes, drawing, put down question marks about points you do not under-This is the dawning of a new day for our corperation and for the neor devils who have had to rent their homes from rapacious handlerds. What a revenue from me. Now it will out them hillion."

"Now," said Ceeil, "suppose we have a man and wife Hving in one of these planes, the cabin of which is fitted with rubber, inflatable furniture? Night has come. They inflate the bod and go to sleep. They know their plane is safe till merning, because it is on Air Corporation. The next morning they jump out of bod and prets a button and the bed collapses. Get the idea? They prote another button and up comes the Etthe breakfast table. They look over the weekly balletin and select breakfast No. 27, served to two parsons for twenty-three cents. They phone down to the restaurant of the service station and up comes the breakfast through the tube. It is in a little cylinder, all ready to serve. The wife opens the cylinder, takes out the paper dishes and spreads the table. Breakfast over, she puts the paper dishes and markins back in the evinder and sends it back on the reverse circuit. The man finds he has a few minutes of icisure, so he turas on the service radio and listens to the latest news, furnithed by the service station. He then looks at the various dials and finds he needs five callens of gas and a grant of oil. He sends the necessary signal and at once this is run into the tanks. He then presses a button which starts his engine and releases him from the nervice station mant. While his wife is dusting the cable, he pilots the plane to the service station that is nearest to his work. Being a regular customer, he has a regular place to moor to. He fastens to this hy means of a magnetic collar and then presses another button, A rebber door open by collareing and a rebber landing platform sprands out by inflation. He and his wife walk out on this platform; he turns around shuts the door by inflating it and then he and his wife reach the ground by stepping on one of the platforms of the circular excelator.

"Gentlemen. Can you visualize that? I can. Now, the man and his wife work all day. Night comes. They go to the hase of the service station and stop on a platform of the ascending spiral escalator. At the level of their plane they step off and cutor their home. Perhaps have have support there, or it may be they predicto takes a role theory the ar to Plandschild nor Beeton. No matter where itary go, itay will find every form of overlass of Thirtsenial Mit Service Stations. Mask et the energy land, gos, eff, ormerstein with the ground, elseritidity, a simula means of dispersion of their wasts, so dishes to wash. Every form of duty and work required a nominal process to all porthances of their arginess.

"I spake of ammementa. Rulie and taiwaika am scalib per provide for. A daily nove service, dotation for the children over the television and rulie, in fort, everything that makes life as any and comfersible will be furnished. It will cost no more to live than it does now, known the bearview, suppilor to thousands of regular catiomers, can be furnished at greatly reduced rule. Every place some will have a fur last of wide strengthen and begin more have the further strengthener strength on the paid more thill, just his a stephene bill or 4 doarse necessaria it, a store.

"I feel that the construction of the new style of house-planes will be a simple matter. The novelty will te in the metal masts, or columns, with their platforms for meeting the planas and supplying them with sarsice. I believe that a magnetic plug to attract a collar on one side of the plane will be necessary. Through this plug will pets a number of tubes-one for ma, one the food cannisters and waste disposal service. The planes will be uniform in construction and the plane. will be uniform, so it will not matter in what city co to which service column your plane is fastened. The service will be countly available. Of course, it will be columns for local use and another to care for the transight, or tourist trade, but wherever a homenlage of sent on its way the next day. Think of it! Everything that is meded in the home, Everything! All provided by one contany and paid for once a month. No rent. city. A nice trip every night or, if desired, a quiet evening at home fire hundred feet above the ground.

"Some day you are point to part rid of the possible question. I have a clock that will run a year without winding. Why canned you do that with an affective onficient Persiage and the source of 1. Integra the possibility of the source of the source of the source task. The three wide and which a rabber kicklin-coop, to be attached to the solid of the plane. Absolute asfect, absolute assutcion, so kaundry, no diabenation, are homotomicity, for three will be a duel. No cosing, a que thosity would can for two."

"STOP] For coolings asks replift hundred per-BC (soil Provis, "Or have gives a source serdimension burg is that every not of your ideas is produminib that is that every not of your ideas is protable, and we want the your reflection induced of testination for the provide the your reflect and propage a dimension who had magnitudes induced of testination for the provide based of courses of the proress your provide the provided of the source of inversion based based of courses of the propage to the provided based of the prolement to any constraints that of the prophing to be Strement Prove. We want is to it be public the we not not distinguish course of nonphing to be Strement Prove. We want is to it be public the we not not distinguish course of nonphing to be Strement Prove. We want is to it be public the we not not distinguish course of nonphing to be Strement Prove. We want is to it be public "Lat no be known with you." We are a seen and a seen of the second with you want the second with you. The second s

"What can you do, Mr. Cecil?

"Each bed rown, on Access, or a plotting but, for plotting, and the second second second second second plotting, and second second second second second and second second second second second second second and second second second second second second second and second second

To only a rease like you have wides," whendere the proper tame. There you have you done," to be reast a a speed name. There you is a dark that the property of determination. I not a detament is comparing the comparing the property of the speed of the property that the property of the speed of the property of the details. The speed of the property of the theory of the property of the speed of the property the details. The speed of the property of the property the speed of the property of the property of the property the speed of the property of the property of the property the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the property of the property of the speed of the property of the speed of the property of the p

Anyone in 1993 size is susceptator: "The size it thinks that my wire will do very nicely." "I locapit and A drammer, Geri filten grand a the size of the size of the size of the size of the the size of the size of the size of the size of the conserved, but have also rate in the offentive is deal conserved, but have also rate in the offentive is deal of the size of

"Gb II will come back," and Henry Cetil rushed for the door. On the way out he mot the secretary. One mus alared but its other einsply grinned. Out on the pavement, a man was selling rubber dells. Blow them up and their burgens nitke cut, Half a million workers had passed that must since eight o'deck. They simply two a man oulling rubber dolls.

Henry Coull naw more. That was because he was a dreamar.

He rushed to the office where Aritine worked, Steroogrepheres were not in the helit of being hugged and kissed in free of everybody. Aritise liked it in a way and then aquin she did not like it. Could did not care, He had her bat on and before ithe laws what was the matter, they were out in the ball, waiting for an elvator.

"Are you sick, Henry Coeil?"

"You but I am leve-soit. I have at last commercial ind a dream, turned a virial risk (in a dream bare to move till we go into our air bare. Where do you want to call and what chicks do you ward daring the next dix months? I have a new base, and he wants nex to ment the hundred or wen before the ord of the dec. He says that I can have a stanographer all of my own. Do you want the sob?"

The woman turned and faced her hushend. The fact that the elevator had come and gone made no difference to her.

"Henry Ceell! Are you drunk? What is the job? How much do you get a year! What did you do?"

"I am going to draw fifteen thousand a year, and, just as soon as it can be arranged, we will have full maintenance. All I have to do is to sit at a dosk and dream and dicinte the dreams to a stens."

"I will be the oten" will perch Arline. "From what I knew of your dreams, I would not think of your dictaing them to any other woman, and outsidity not if you ruske filteen throasnd. I tell you what we'll de-Go and hur yournelf a half deep neyther."

As entity as passific, the Universal Air Gregoriation burght and in two York City. Most of the property was covered with did tonescent houses and some with this area and goods. It was a dimensional to the second second second second second second second Over in Long Linked, in New Jersey and performs of Connections and along the Househ may exolution sere parchased. Remences contracts were entered into with the Stubilters Studie Works. New Writhen a months burght was an experimental the spectral second trains were constructed. Within a months hundred to time that much works for the spectral second second second second second second second second test time that much works for the spect called for the strain second second

In the meanting, not a work leaded out in regard to the ultransic reasons for the apprentity reckloss spetiing of meansy. The stock in Universal Air deppoid bardly. It was removed that their finances were in a despense condition. After meeting of low-prices it barans to dyrected. At host it was selling for fire hanassociations had made meanly a hillion deliars by dever manipulation.

Examines, shed lowers happen to rise here and there, in the with and all around it. On a step it is tower, by hundred fork haph, would be constructed. All the read of the few would be open to the air and multiplit. A lower into of the step is the step is and multiplit. A lower is an experiment of the step is the step is and were unanswersel. Out in the construct these beams fielded in the step is all as a much uncertainty greated around each tower, and as much uncertainty around step is the step is a step is a step in the step is a step is a step in the step is a step in the step is a step is a step in the step is a step is a step in the step is a step in the step is a step is a step in the step is a step in the step is a step is a step in the step is a step in the step is a step is a step in the step is a step in the step is a step is a step is a step is a step in the step is a step is

The Universal Air Convertions had surpressed the solling of planes, pending the completion of their new desites. Other manufacturers of planes went wild over the prospect of remains their constptiers out of husiness. The stock market see-sured like a shift's plaything. And them, simultanessedy. In dive hundred newspapers all over the nation, appeared a strice of full-rane advectoments.

"Why pay rent? Do you want to live in the sir? "Are you tired of confinement in an apartment? "Then why not hay an air home and near whenever you ploace? Let Universal Air Corporation solve the housen problem for you. Live in the air and came down whenever you want to. Buy a ulter and be your owe helded.

"We sell the plane and furnish the service. We think that our plane homes are wonderful, hot our motto is going to be

SERVICE FIRST.

"Everything you need for your comfort and the proper functioning of your home will be applied at our SERVICE FILLING STATIONS at a low cost on a monthly obarge account,

"We are prepared to place one million families in air honos in the pext year.

WILL YOUR FAMILY BE ONE?

"Sample homes are open to inspection at five hundred of our inrgest cities. Air service stations will be built appending to the distribution of rales.

"If you have a plane herse, you can go anywhere and find service and security and a herse at one of

our service stations.

WHY PAY BENT?"

The advection run took the nation by storm. It was the first its additional distribution of the provided that the obtainer of the provided that the provided the obtainer of the provided that the provided that the obtainer of the provided that the provided that the constraints of the provided that the provided that the neutrino may access the provided that the neutrino may access the provided that the the odd of the prace. But Gerl had an interpret that and had writted prevents to strip that extra first the start of the prace of the prevent of the that the strip of the outper strip the strip of the strip of the provident string the prevent of the strip of the strip provident string the prevent on the strip of the strip provident string the large in it.

Folded in this attempt, the real-write because would be Concress. The competition, they defined was analytic to be that time, too family had been able to survey the start of the strength of the survey of the strength harmy depended on most on hand sad preperty. What would be the scredit if the imagivity of the particle below the strength of the strength of the particle below holds are been strength on the strength of the strength of the strength of the strength of the below to the band before tilt. They referred is the Sequence Cord definition of Herror N. Strengther, in whoth dimarges had been reacided for trenges by a whoth dimarge had been reacided for trenges by a fixed.

The air, they claimed, was not free. The air belonged to survey, and if that was the case, then it was the property of the landowners. Competition in house in was velocanced, but it must be sequitable. A full was introduced into Comprose, making a state and matienal shrinks consider to be paid by the owner of the arghman, not to accessed ten persons per annum on the cost of the plane.

By the time this HW was introduced, a million pinors has been seed and the million orders received. That meant eleven million functions that meres interested, at latest twesty million functions that meres interested, at latest twesty million beams. They amply formed a labely, of this committee. It died there. There was only use thing for this product you have no solutions that they seem also complex with the loss of a opening as informer. Billion's they as done, but your at the most when he scaled lives in million is non-rest.

Herey Gell keyls on dreaming. In these descense he followed one corres. He integrated every possible think fiber does correspond to the sub-fiber does not that be to exclude in this authorization of the subtess of the sub-fiber does not be applied in the make multices of this families context and multicas of fible wronk large. For example, he was the nonesult of the wronk large. For example, he was the nonesult of the wronk large. For example, he was the homesite of the sub-fiber does not be applied by the sub-fiber does not be applied by the sub-fiberpervice supplied to excl. Forcy theorem of hydrogen does had the surpless of two air denied chinks. Are induceting the theory set of the sub-fiberfor the magnet. Par many generations the American etities had been constituted to exoting its new home. When the time const that density of populations much individual overties of the state of the state of the state of the state intermediate of the state of the state of the state intermediate of the state of the state of the state intermediate of the state of the Arabic capitolicit of pablic imagination. In every way possible, but heavy which have his of the state of the Arabic capitolicity of the pablic imagination. In every way possible, but heavy which have the state of the Arabic capitolicity of the arabic time on the research of the state wanted to one that over an indivense.

AFTER the first million had been made and cold, according types were placed on the market. There was a variation in size, motor power and the quality of interior furnishings.

Two things were alike on all of the planehouses, no matter how much they coit. There was no place pro-He had argued that the primary purpose of the planet hand had a maderate mame. The homebuild work was reduced to a minimum. If a wife was so rich and so she and her family ought to live in a city apartment with servant's quarters. The other point of uniformity dollar air-bome had the same connection that a twentyfive hundred dellar one had. Each plane had meals kind of a evinder, even though one meal might cost twenty dollars and the other twenty-three cents. There was no difference in the air service stations, the rich and poor had to go together. There was a difference in the home stations, but this was based on other norial standings than financial ones. For instance, there were brme stations where all the plane owners were college graduates. Others were patronized by groups of middleaged childlens couples, while still others were reserved for those with young children. But in no case was the

The contrast time fragment the empary was Rever to Draw The Section 1 and the employer was Rever to Draw The Section 1 and the section 1 and the sector of section 1 and the term section 1 and the term section 1 and the section

¹⁰S, the American public beams advectory. It beams the source this of this is the last of the new mathematical control of million and the source the mean source of the source of t

And, finally, the Universal Air Corporation thought, through the dreams of Henry Cecil, of the seathetic side of life. In the thready of an investiga whency the only they of a primit part would be transfer into heusiful and the second second second second second second indicates of the second second second second second hards a celevation generation of the second second hards are set of the second second second second hards are set of the second secon

It meant something for a man and his wife to move into an air-home.

During all these months the real estate operators in New York and the other large cities of the United States had not been july. To have a million families leave amariment life was serious; to have ten militor for their use was a columity that threatened their vers existence. It is believed that had there been only one antagonist in the field, the Universal Air Corporation. in time the real estate owners would have won the batthe by strictly legal recard. But the abrelance recurs. facturers were shrewd enough to look into the future. foresee the commic battle and prepare for it. They had as allies all the various syndicates that supplied the necessities of mankind. For example, one firm had the exclusive right to sell hodery at the pervice stations. A lady wishing to purchase hose, handkerchiefs or Regerie could simply order an assortment sent direstly to her air-home, select what she wished return the rest and have the charge placed on her monthly bill. proaching struggle.

But were low-red in the spattment sections of the dity. An effort was made in simo of them to introdves averate that would compete with the service of the airmethods of Human barries and the service of the makedos of Human, whereby manifold would be indiced to remain (in Bousse, on the sarch, and pay rent. Sares masters of stoces was not with both, but more and more masters of stoces was not with both, but more and more fill was a during batch, and it was easily near that the a hole of sufficient air-barres to boson them in the air.

Meastine, millions and even Millions of dailars were soli paying a fraction of cose present on their investment in consult and structural steel. Only a small preme of results beginning the structural the base measurement of the structural steel of the strucment of results beginning to the structural and justice service. Mean who several ten million dailneeds of the structural structural the cost meetings on the structural structure specific tensors of the transand justice service. Mean who several tensors in million dailto structure specific results.

It is no wonder that they became desperate.

This realized association had many escent and prelikered mentation. Revery peetition means of effects (indep engine with the attraining was prepared, delated lists that basis and the engineering of the former sould be an end does at each experise. Second the basis of the and does at each it was full that say each of the former sould be are refrom that the expert of the former sould be are refrom that the expert of the former sould be are refrom that the expert of the former sould be are refrom that the expert of the former sould be are refrom that the expert of the former sould be are refront that the expert of the former sould be are refront that the expert of the print of the domership, but ind to react the dot the refront the source of the sou They selected James E. Kidd.

He was a solidite of fortions. For tweat-of-two yaves the fortion graving has been sold as any suntion or project of information was been sold as any suntion or project and the solution of the solution between autoened has compared for the solution of the solution of the solution of the solution of the solution was and the solution of the solution was also solve the solution of the solution of the solution was also solve the solution of the s

He had lost everything except his honor and his con-

He had been unable to lose these because he had nover had there

It was to this man that the secret committee of realstate dealers turned. They told him bluntly that they wanted comething dense to make life in the air unpopular. They were willing to pay the bill, but if he was distribut they were not willing to assume any of the recommitivity.

He was to be a financial here if he was successful, but simply an unknown, unauthorized criminal if he failed. After telling him what they wanted done, they aded here for his methods of rains after the results.

"I do not think I cought to full year." He residual. "Anaything that I amought only one "Here only the produce the results you want will hardly most with your approxem. If you know it a downed what my plana array, you will know a guilty estimation of the plana strain of the plana strain with cash, and used to 1 kHe obtains, so they can be as a cashy marked. Gold is the thing. Twenty-children with with cash, and used to 1 kHe obtains, no they can be as a strain warked. Gold is the thing. Twenty-children with with a cash and a strain in a strain the prove the so that the strain of the strain the strain the strain of the weath as the strain of the strain the strain the strain with a realing phase to so if they are skee. Two just here me shows, and, an instruct while prove yeas as its

"This was the oil of the conference. For the next werk Janus K. Kild investigated the fullers of the fuller building of the start of the fuller of the tailing howed him one time. Every improvement in that study through the suggestion of one man, not the result of the suggestions of one man, not that may ma Henry Gell, confidential advisor to the Pretional, Percival Provens. This result is the building of the start provides the start of the start later of status, and that was the retornal of the stall Retery Could to a sloge where the could no house ratios.

That required another work of study. He wanted to here the halfs of this desomer, where he vorked, where is played and where he lived. This and not take low, The tightwork outerwhere year he has the location of any to stuft him at sight was to ascend the deviate scalator, strep of a level fithy-even, and so into his place heres eis the plane platferm and has deviated as a strep of the strength the other is weld-fitted that there is a strength them.

"It was Kidd" kin, that case Gell was out of the way, the growth of the alr-bare project would dasken, entitatism wuld die out and the poople would be cantent to return to the certify agarment heasan. He seemed to be the ouly man who would really be albed an originating of new and wuld-babiet feasa. It seemed a segment of the set of the set of the set of the set of man had become itso derva. He was detroying proety volucitose. Kield fort juniced in removing hum. After the decision or a crited e.1, at the two mesons proves in work of entry relation. However, the comparison of the second second second second second controlling, these coverages would be actualized to a sign controlling, these coverages would be actualized to a sign of the second sec

Ridi hai sever hen in in al-bates. A day prior to the conference with the real-scatter operators he had the conference with the real-scatter operators he had the structure of a multi South American revolution. But had scatter the plann of the already the scatter of them. The convolution predict himself in every feature of them. The convolution predict himself in every feature of them. The fully structure of the scatter of the scatter of the scatter had to create out over the screvic table-no say tasks with the wind haveing and the mice outing is klassing with the wind haveing not the mice outing is klassing

The leading platform was cut. In a period of these absent-mindoineau, Geril had forgotten to pross the emplying batten when he cures into the plan that evening. It's wife had extertained at bridge that afternon and Geril, always do'fashisned, had phond her that he useded the currerias and would walk home. There was no need of her visuals over for him.

The hard been thinking or many thengs as he accordantic circuits resulter and attractive trapped off at 1 level 57, 8166 C submalically as though in a drown, Acine berg and the submanifold of the submanifold of the end of the submanifold of the submanifold of the end of the submanifold of the latitude which would instantly employ the platform of the submanifold of the latitude which would instantly employ the platform of the submanifold of the

They had their supper, and then, and the gedden give of a summer sunset, the clouds had gathened and a thindne storms bore down on them. They liked it. It was this work of a few minutes to pat the paper dukes and anorry back in the food offinder and areast it down the rection thet. A button greased allowed the colbourist up a low-samt for two, and on that however bounds up a low-samt for two, and on that however learn and Artiffer Gerd walched its form.

They were happy. Life had been kinn to then. Artine was contentiad, because her man was happy and Henry was happy because her was filed with the ratiofactor that concer from the knowledge that is had been able to make millions of his follow men happy. Be, in the darkmens, broken only by an occasional finds of lightning, itsy net, constanted with life.

When Kloid arrived as the isolitar plutform, it was eleven and the totary was more intense taken over. There were no lights in the plans, but as b isoled through the window glass the could as sive heads above the look of the single plans. The second was been as the site life did not want to make a mittake and full the sense. The only thing that he could do was to wait till one of them lift the tool, and a fisch of lightness gold the window of the way. If of elevels previews it was a wide one that was. If the first previews it was a expert markeman, but he had spent long hours practicing shouing through glass. There was a trick in that; allowance had to be made for the refraction of light.

Once Arling in a gesture, three one arm shows her back Art is same time a find of sheet firsting showed the white arm and the chanced bracelet. That was count. The band on the left was the maxis. That was the cost to shoot for-the next time the lightning gave sufficient left.

But for five minutes it was dark and in that five minutes Henry Cord and has write doubled to ruline for the might. Artine was a typical worsts. I she hated the Idea of going to bed writhout lecking up the house and putting the cut out. There was no house and so cut, but in the plane houts there was a kinding platform. Noth after might she and the same correction:

"Henry, have you closed the landing platform ?"

This night he had to admit that he had not. In the dark thoroughly familiar wile every square fost of the cahin floar and walls, he walked over to the excited heard and pressed the hutten. In a second's time the air was out, and the platform relied up into the plane. Arities was nervous and cried. "I facquite I beard a

"Nonsense, my dear," said her dreamer husband, "that was just a gust of wind against the side of the place."

The next mering Heary Coell areas carlier than wond. Dressing index), in finally sait down, put the carlylence on and pressed the batton for the montpaction compares wond for the same rank bane. Found doad at the base of the air-service station, rather will marked up. The bad workshop kills from one of the solution identify him. "That is to bad's add' coell to humant. "And ore of

"That is too had." said Ceril to himself. "And one of our motioes is Safety First. I will have to investigate it. Such calamities must be prevented in future."

But all the investigation failed to reveal just how this man had met his death, and, after spending the usual time at the Morgue, he was buried in a nameless grave in Potter's Field.

MEANTIME Gell and how dwaring goes now. The side of al-brane was undiffatory, the investment of the various service companies was entirely in keeping with the permisse make when the concestions were granted. Everyons events take in the Universitial AT Cooperations or at autoMatter companies was diriving handscore element. Practically all of Courts' downs had mathematical take practical mattersone days of drawning without directing, he saided the President for resent hours of this time.

The product of the sector of the sector of the sector of the conserts and "Sectors First, Belly First and Happinass First'. The sectors of the basinon has depended on or failful addresse to these principles. I and frankly werzies!. The Air Corporation has time high, has it diargs as it has sleeped on the tot of competitions, merce people have brieflam; that cost and filses, and they are not doing as well as they used to. "They had had to lower their rentals." The President laughed:

"But that is what we were after."

"I know, but we have been too ancessful. We wanted rome people to live in the air, but it is ending in almost everybody wanting to live there. Something has to be done about it. New, my plan in this, Enlarge your corporation and make it bigger and botter. Call it the Universal Boosing Association. Posl all your interests and reissus stock. Offer to hav any New York real estate that is offered at a fair value and new for it is stock of the new company. All anartment houses that air-service stations. These that are less than ten years of use convert into factories and office buildings.] New York if there were sufficient office space and homes. As far as that is concerned, a man could have his office in New York and live in an air-home arrowhere he wanted to. There would be no trouble in renting offices, and I think that there would be a large demand for fac-There might be a number of the anartments that could be mide into combined factories and homes for the factory workers and the rent given as part of the wages. All this can be weeked out. It is simply a matter of detail. The important thing is that every time you give a property owner shares of stock, paying six per cent, for his land and building which has been peying nothing, you make a friend and a new and active coast ternor for your products. We cannot have too money friends or too many new occupants of air-homes."

"Every time you ask for a personal interview, Henry Oscil," exclaimed Percival Provens, "it means the expenditure of millions!"

"And its means the reterrs of hundreds of millions in dividends. But I am not thinking at this in terms of menory, site. I am thinking of it in terms of service, Summar First, to the nucleon, so has must of the divto the entropursuality. We now them a carried that is former were and the market of the mass of the divhome. We want to make a service that will require them with happy herrors, adoptate incomes, a comfortulate antimeter of reports in dia car. We entrot do to supply nervices aim statumat for air-homes. Way not up on and appy performs, adoptate in halls, pengen-

"Is this a dram, Henry Creil?" asked the President, amiling. He liked the man, the dreamer who sat at a deck in his private effect and dictated his dreams to the wife.

"Yes, Mr. Provens Call it a drawn if you like, but op on and mole it a reality. It will pay in the barg van. A divided New York can never be a great New York If you are able to gother topyther all the barging under one company, then the two will indeed sime on our city, the prestent in the verify. Will it be all racht for me to requirition an infintable kiddycoop for my almbane."

"Why, bless my soul, yes. But I didn't know you had use for one."

"We haven't at the present time, but you know the third motio,

"HAPPINESS FIRST."

THE END.

RECENT FERTICALS-We were inspiring or educational interes, caleshifting material which can be used as an editorial sized mice in the size of the size